



Jouplast®



Outdoor Solutions

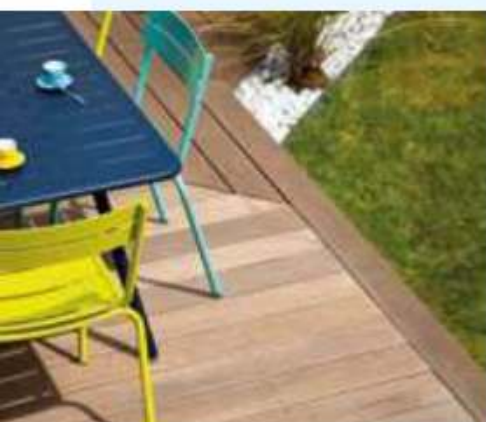
- PARKING & DRIVEWAYS ● PAVED TERRACE
- GARDEN LANDSCAPING ● WOODEN TERRACE





Contents

- Solutions for paved terracesp. 06
- Solutions for timber and composite deckingp. 26
- Product compatibilityp. 48
- Solutions for garden landscaping.....p. 52
- Solutions for paths, driveways and parking spaces.....p. 58
- Need help ?.....p. 74



Editorial

We are delighted to present our 2026 catalogue. Always focused on innovation, this catalogue features new products designed to simplify and improve the installation of our products. We remain committed to our environmental commitments and to the CSR values recognised by the ECOVADIS label. As you browse these pages, you will find a wide range of products that are sure to meet the needs of your projects, from the simplest to the most complex.

I hope you enjoy reading this catalogue, and I look forward to supporting you in bringing your dreams to life.

Thierry CONVERT - Chairman

Our environmental approach



Innovating with respect for people and the environment

Our commitment to socially responsible development must form the foundation of our business activities and guide our investment decisions, product innovation and management.

Since 2008, environmental concerns have led to a great deal of discussion regarding corporate commitments to "SUSTAINABLE DEVELOPMENT". This requires, above all, a corporate culture geared towards adapting to changing trends. Our entire range does not require heavy installation equipment and leaves no trace on the environment where it is installed.

They can be removed or replaced without any negative consequences and are just as durable over time, backed by our 10-year guarantee. This also requires proper education on recycling guidelines.

10 WARRANTY YEARS

NO WASTE



We generate no waste when processing our defective parts. They are reground in-house and reintroduced into the production cycle. By using recycled material in our production cycle – accounting for over 90% of our product range – we produce nine times less CO₂ than we would if we used virgin material. By manufacturing with recycled material, we consume nine times less non-renewable energy than we would with virgin material.



We must work together to fulfil this ecological responsibility and act as guardians of a sustainable approach for future generations. Ultimately, this requires actively listening to global concerns regarding water management. Through our product ranges, we are committed to combating soil sealing. Our ambition aligns with that of the Climate and Resilience Acts, which have set the "Net Zero Land Sealing" target, promoting rainwater infiltration and limiting disruptions to the water cycle.



Since 2019

MORE

TMP CONVERT takes care to ensure that all the material used in JOUPLAST® products comes from a 100% recycled source.

This year, our company has once again been awarded the MORE label, created by the Federation of Plastics and Composites (MOBilised for REcycling), which certifies that we use 100% recycled plastic, sourced from the textile sector, in our production.



Contact us for guidance on UK building regulations compliance.

From a plastics processing business to a provider of innovative outdoor design solutions.



1959

The company was founded by Mr Convert and began manufacturing artificial flowers.



1973

Acquisition of JOU-PLAST, the manufacturer of the toys included in BONUX® brand washing powder packets.



1974

The company was taken over by Thierry Convert and Paule Conrardy.

Contract manufacturing of consumer goods and components across various sectors (toys, gardening, safety, etc.).



1983

Manufacturing of the first pedestal. Launch of direct sales of 'Catalogue' products.

2 strategic business areas:
• industrial subcontracting.
• manufacture of outdoor solutions.



2008

Establishment of TMP ROTOMOULAGE (Rotomoulding).



2011

Registration of the Jouplast® trademark and logo.



2017

Overview of the comprehensive 'Outdoor Design' range.



2018

Sale of TMP ROTOMOULAGE.



2019

Establishment of TMP INDUSTRIE for industrial subcontracting. TMP CONVERT focuses exclusively on the development of the JOUPLAST® and OCAPE® brands.
Launch of the OCAPE® range for waterproofed areas and flat roofs.

2021

Sale of TMP INDUSTRIE.



2022

Launch of the JOUPLAST® app.
+
Launch of the URBANIT® public works range.



2024

Acquisition of the company by RPM and integration into the Fibergrate group.



2023

Launch of a range of clip-on finishing profiles.



2025

New website

2026

New configurator

Solutions for paved terraces

Jouplast® has considerably expanded its product range to ensure that it covers every type of outdoor landscaping project, including riser pedestal terraces finished in paving slabs, ceramic tiles...

'ESSENTIAL' RANGE p. 10

CLEMAN® RANGE p. 12

RELATED PRODUCTS p. 14

LAYING ON PROFILDECK®
ALUMINIUM STRUCTURE p. 20



FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



Our products are designed to cope with every feature, from slopes to uneven or irregular ground, sandy soil, etc.

OUR PAVING riser pedestal



Standard paving
riser pedestals

FOR INSTALLATION ON A LEVEL GROUND

Ideal for creating paved or ceramic tiled outdoor terraces for pedestrian use only.

Standard paving riser pedestals should be used only on **stabilised ground** levelled to a maximum height difference of 1.5%.



2 ranges



ESSENTIAL

Offers the **best value for money** for fast and efficient outdoor terrace construction.

CLEMAN®



The CLEMAN® range enables pre-setting with a driver bit, **height adjustment** with the screw adjuster, and final adjustments using the **adjustment key**.



Self-levelling paving
riser pedestals

FOR INSTALLATION ON UNEVEN AND/OR IRREGULAR GROUND

Fitted with a **pivoting head**, the self-levelling paving riser pedestal is designed to accommodate differences in the surface below the pedestal, automatically correcting differences in height of up to 5% and on **uneven and/or irregular ground**.

Ideal for creating paved or ceramic tiled outdoor terraces for pedestrian use only.



THE BENEFITS OF JOUPLAST® PAVING RISER PEDESTALS FOR RAISED TERRACE

The component parts of a
Jouplast® paving riser pedestal



'ESSENTIAL' + CLEMAN®

Bearing contact area > 100 cm².

'ESSENTIAL'

The riser head complete with **4 x 3 mm snap-off spacers** for greater slab laying accuracy.

CLEMAN®

The riser head complete with **4 x 4 mm snap-off spacers** for greater slab laying accuracy.



'ESSENTIAL' + CLEMAN®

208 mm diameter flange with chamfered edge to ensure a perfect support. All sections have drainage holes to prevent water retention (which can stagnate and encourage mosquitoes).

Bearing contact area > 300 cm² for excellent load distribution.

'ESSENTIAL'

Base shape optimised: makes it easy to lay paving against a wall or in a corner.

CLEMAN®

A square base makes it easy to lay paving at an angle.



'ESSENTIAL' + CLEMAN®

Self-locking grooves for greater stability.

CLEMAN®

3 options for height adjustment:

- with the driver bit
- the screw
- the specific key.



'ESSENTIAL' + CLEMAN®

Unique ergonomic nut with 8 lugs for easy manual adjustment and precise accuracy.

The design ensures that the height never varies, even under load.



'ESSENTIAL' + CLEMAN®

Reinforcing ribs for higher compressive strength.

CLEMAN®
2 lateral supports
integrated.

KEY FEATURES



Precise height adjustment using the rotating nut: no additional tools required.



A wide range covering all heights from 8 to 470 mm.



Quick and easy installation with simple site preparation with no need for heavy earthworks.



A comprehensive range of related products (see compatibility table).



Snapp-off spacers for a staggered installation laying.



A unique solution to finish the perimeter.



Pipes and cables can be run beneath the terrace.



High resistance to compressive loads, UV and frost.



Allows surface water to drain freely and ensures decking ventilation.



Compliant with DTU French standards. Suitable for use in UK outdoor terrace and balcony projects.



Installing paving on pedestals eliminates the need for mortar joints.



PRODUCTS COMPATIBILITY P.54

Standard paving riser pedestals

From 8 mm to 470 mm



- Ideal for renovating decking.
- Adjustable and fixed height support for terraces installed on flat, level surface.
- Divisible spacers for staggered laying.



HD 8/20 mm	PLOGOM®		HD 20/30 mm	HD 20/40 mm
From 8 to 20 mm / Flange Ø 170 mm Spacer thickness 3 mm	10 mm fix / Riser head Ø 120 mm Spacer thickness 3 mm		From 20 to 30 mm	From 20 to 40 mm
			Flange Ø 208 mm / Riser head Ø 120 mm / Spacer thickness: 3 mm	
100% recycled polypropylene	100% recycled thermoplastic elastomer		100% recycled polypropylene	
Box of 3 bags of 20 pieces	Box of 5 bags of 10 pieces	Box of 60 pieces	Box of 60 pieces	Box of 50 pieces
Ref. IH008020DG20000	Ref. IH010FIXDG20000	Ref. IH010FIXDC30000	Ref. IH020030DC20000	Ref. IH020040DC20000



HD 40/60 mm	HD 50/80 mm	HD 80/140 mm	HD 140/230 mm*
From 40 to 60 mm	From 50 to 80 mm	From 80 to 140 mm	From 140 to 230 mm and higher*
Flange Ø 198 mm / Riser head Ø 120 mm / Spacer thickness: 3 mm			
100% recycled polypropylene			
Packed by 11	Bag of 40 pieces	Packed by 11	Bag of 40 pieces
Ref. IH040060DF50000	Ref. IH040060DS10000	Ref. IH050080DF40000	Ref. IH050080DS10000
Packed by 11	Bag of 40 pieces	Packed by 11	Bag of 40 pieces
Ref. IH080140DF50000	Ref. IH080140DS10000	Packed by 11	Bag of 40 pieces
Ref. IH140230DF40000	Ref. IH140230DS10000		

Self-levelling paving riser pedestals

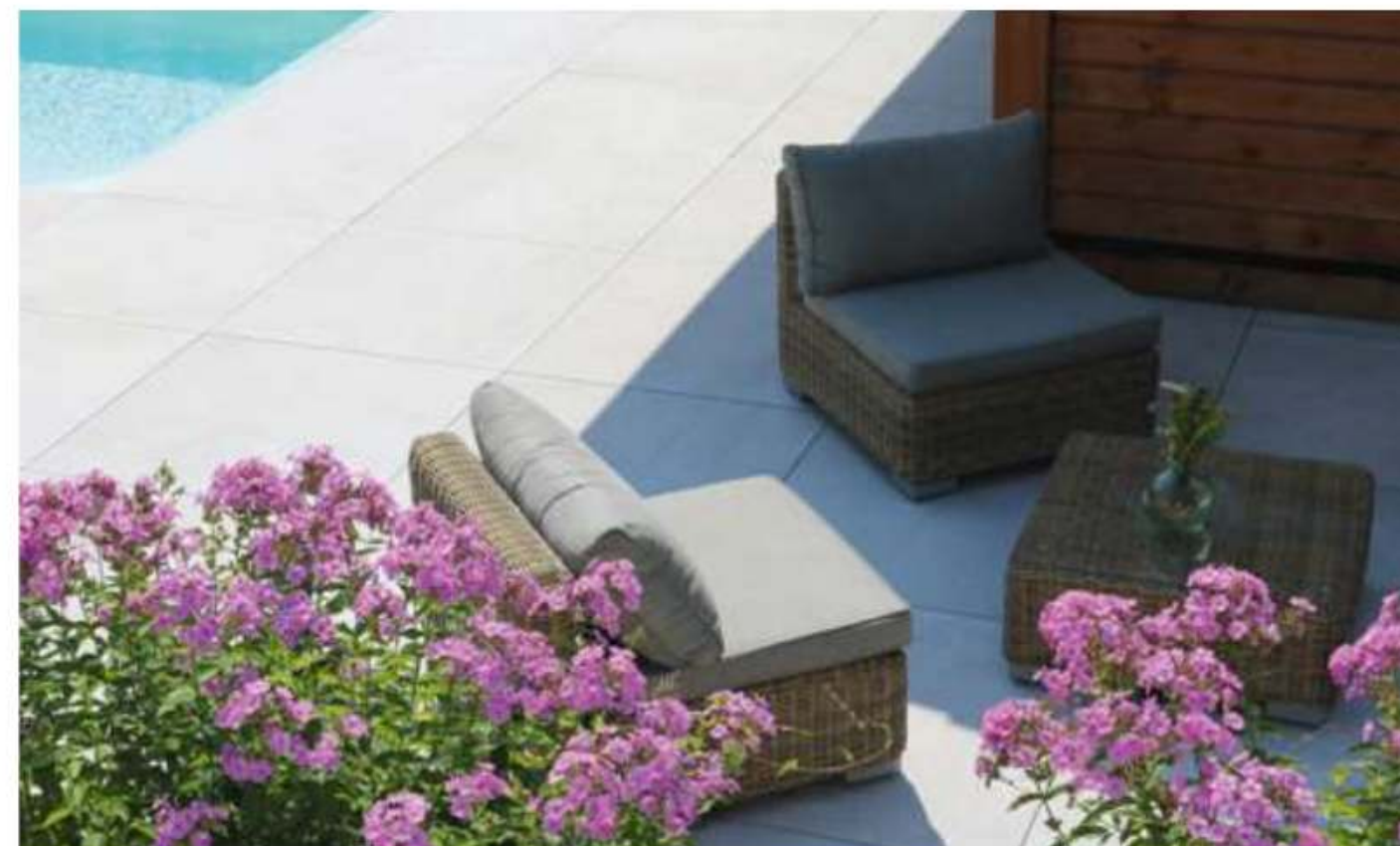
From 29 mm to 485 mm



- Self-levelling paving riser pedestals adapt to the irregularities of the ground.
- Fitted with a pivoting head, the self-levelling riser is designed to accommodate differences in the surface below the pedestal, automatically correcting differences in height of up to 5% and irregularities in compacted hardcore.
- The use of self-levelling risers is ideal for creating paved or ceramic tiled outdoor terraces for pedestrian use only.



HA 29/39 mm	HA 55/75 mm	HA 65/95 mm	HA 95/155 mm	HA 155/245 mm*
From 29 to 39 mm Raises from 39 to 49 mm with HD 10 mm extension	From 55 to 75 mm	From 65 to 95 mm	From 95 to 155 mm	From 155 to 245 mm and higher* * Use 60 or 10 mm extensions for heights above 230 mm.
Flange Ø: 208 mm Riser head Ø: 120 mm Spacer thickness 3 mm	Flange Ø: 198 mm / Riser head Ø: 120 mm / Spacer thickness: 3 mm			
100% recycled polypropylene				
 Box of 60 pieces	 Bag of 60 pieces	 Bag of 60 pieces	 Bag of 40 pieces	 Bag of 40 pieces
Ref. IH029039DSN1000	Ref. IH055075DSN0000	Ref. IH065095DSN0000	Ref. IH095155DSN0000	Ref. IH155245DSN0000



Instructions for use

Paving riser pedestals should be used only on stabilised ground or on existing concrete slabs. Self-levelling riser pedestals should be used only on uneven ground or existing concrete support. Please check the ground for evenness and level before opting to use standard or self-levelling risers.

1. PREPARE THE SURFACE

On uneven ground

- Remove approximately 15 cm of topsoil and level.
- Lay a geotextile membrane.
- Add hardcore and compact thoroughly.
- Measure the height between the prepared base level and the top of the finished surface to determine which version of riser pedestal you need.



FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



FIND OUT MORE
GROUND PREPARATION VIDEO

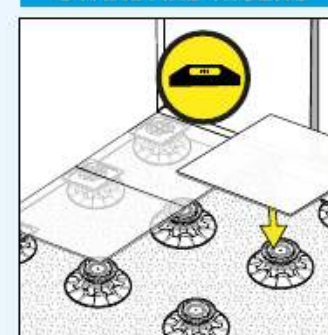


On concrete support

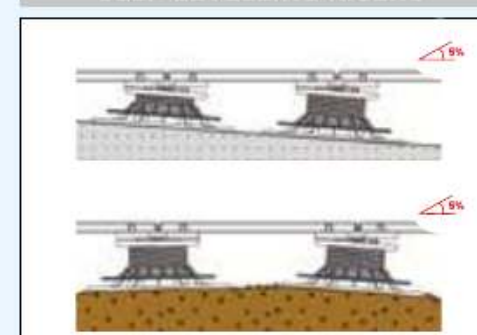
- Check the threshold clearance heights. Allow at least 3 cm for terraces clad in stone tiles (5 cm for self-levelling paving riser pedestals).
- Use this measurement to determine which version of riser pedestal you need.
- Check the levels to ensure good drainage.

2. PLACE THE RISERS ON THE GROUND / LAY THE SLABS ON THE RISERS / ADJUST THE HEIGHT OF THE PEDESTAL.

STANDARD RISERS



SELF-LEVELLING RISERS



We recommend installing a row of standard pedestals around the perimeter of the terrace instead of self-levelling pedestals in order to stabilise the slabs.



Standard riser paving pedestals from 28 mm to 470 mm



- Easy and comfortable height setting: riser pedestal heights can be set in advance, with final adjustments made using the key once the paving is in place. Optimised stability, with all riser elements securely assembled together.
- Lateral riser support system integrated.
- The square flange allows paving to be laid at an angle.
- Rubber damper included.



DNC 28/40 mm	DNC 40/55 mm	DNC 55/80 mm	DNC 80/130 mm	DNC 130/230 mm*
From 28 to 40 mm	From 40 to 55 mm	From 55 to 80 mm	From 80 to 130 mm	From 130 to 230 mm and higher*
* Use CLEMAN® extensions for heights above 230 mm.				
Dimensions of the flange: 192 x 192 mm / Riser head Ø : 137 mm / Spacer thickness: 4 mm				
100% recycled polypropylene				
Box of 20 pieces	Box of 20 pieces	Box of 20 pieces	Box of 20 pieces	Box of 8 pieces
Ref. IH028040DNC0000	Ref. IH040055DNC0000	Ref. IH055080DNC0000	Ref. IH080130DNC0000	Ref. IH130230DNC0000

Self-levelling paving riser pedestals From 40 mm to 470 mm



- Ideal for uneven or irregular ground, or to compensate for slopes of up to 5%.



ANC 40/55 mm	ANC 55/80 mm	ANC 80/130 mm	ANC 130/230 mm*
From 40 to 55 mm	From 55 to 80 mm	From 80 to 130 mm	From 130 to 230 mm and higher*
* Use CLEMAN® extensions for heights above 230 mm.			
Dimensions of the flange: 192 x 192 mm / Riser head Ø : 137 mm / Spacer thickness: 4 mm			
100% recycled polypropylene			
Box of 20 pieces	Box of 20 pieces	Box of 20 pieces	Box of 8 pieces
Ref. IH040055ANC0000	Ref. IH055080ANC0000	Ref. IH080130ANC0000	Ref. IH130230ANC0000

Related product



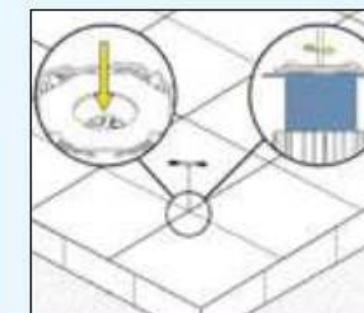
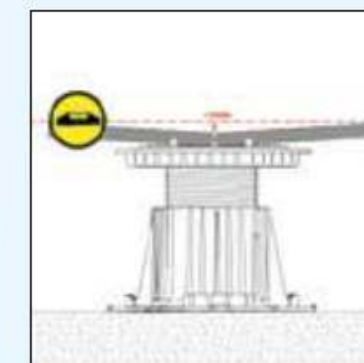
CLEMAN® ADJUSTMENT KEY	HEIGH ADJUSTMENT BIT	CLEMAN RISER EXTENSION - 10MM	CLEMAN Riser Extension - 60mm
Make final adjustments using the key with the paving in place.	Adjusts the height or pre-adjusts the risers using a screwdriver. The bit fits directly into the chuck of the screwdriver.	Increase the height of CLEMAN® standard and self levelling risers. Fits UNDER the pedestal.	Increase the height of CLEMAN® standard and self levelling risers. To screw on the riser basis.
Solid / Good grip	The bit has a standard 10 mm hexagonal shape to fit on a 10 mm wrench, a 10 mm socket...	Up to 4 stackable extensions.	- Optimised stability: extension to be screwed between the flange and the nut. - Up to 4 stackable extensions.
Length: 200 mm / Sleeve length: 120 mm	Length: 105 mm / Thickness: 4 mm	Height: 10 mm / 192 x 192 mm	Height: 60 mm / Ø 105,2 mm
Steel	Hardened steel	100% recycled polypropylene	100% recycled polypropylene
Per unit	Per unit	Box of 20 pieces	Box of 40 pieces
Ref. IHCLECDNC10000	Ref. IHEMCLEDCNC0000	Ref. IH010FIXCLE10000	Ref. IHREHCLEDCN0000

Instructions for use

1. PROCEED IN THE SAME WAY AS FOR THE 'ESSENTIAL' RANGE.

2. USING THE ADJUSTMENT KEY

- Once the paving is in position, the CLEMAN® adjustment key can be used for any final height adjustments.
- Insert the key at the intersection of slabs, and adjust the height by turning to the left to raise the level, or to the right to lower it.
- The key corrects up to 1 mm of misalignment (equivalent to a quarter turn) once the paving has been laid.
- Note:** For laying large-format tiles or specific types of installation, please refer to our IFU at jouplast.com.



- Qualification of compulsory "SELF-SUPPORTING" slabs, of class T7, T11 according to standard EN 1339:2004-02.
- At least one riser pedestal should be placed at each corner. Please refer to the tile manufacturer's recommendations to decide whether additional riser pedestals are required.
- For pedestrian and outdoor use only.



RELATED PRODUCTS

Insulation mat

Designed to isolate the pedestal base from the underlying sub-base.

- Resistant, non-deformable, and non-slip, the mat improves overall stability.
- Provides additional thickness and allows for overlap where required.
- Distributes loads evenly by compensating for minor foundation irregularities.
- Reduces structural vibrations and impact noise, and attenuates resonance.



INSULATION MAT
Dimensions: 230 x 225 mm / Thickness: 3 mm
100% recycled tyre
Do not use on gravel
Box of 30 pieces
Ref. IHTAPISOL10000

Products for direct installation on floor



CROSS DALLE®	SPACER 5 mm	SPACER 3 mm
Invisible stabilising brace for direct installation on sand or gravel / The basis guarantees the good slabs evenness.	Spacers ensure a consistent gap between slabs during installation.	
Completely invisible, does not impact the aesthetics of the installation / Divisible tabs and baseplate of the spacer to adapt to the types of installation / No water retention	Combined, they are also used as braces. Spacers can be used on all ground.	
Stabilising cross: 57 x 57 mm Spacer thickness: 3 mm Spacer height: 10 mm	Space between tiles: 5 mm Color: Black	Space between tiles: 3 mm Color: Blue
Polypropylene	100% recycled polypropylene	
Ideal for installing slabs directly on gravel or sand	Insert the spacers regularly during installation / To be removed once tiles are installed.	
Box of 5 bags of 48 pieces	Box of 10 mixed bags with 4 spacers 3 mm blue and 4 spacers 5 mm black	Box of 5 bags of 80 pieces
Ref. IH003XDG10000	Ref. IHMIXECART10000	Ref. IH003EDGA0000

'ESSENTIAL' RANGE ONLY

Extensions

Extensions increase the height of riser pedestals.
By combining different sizes, heights of up to 470 mm can be achieved.

Compatibility
TABLE
P.44

HD 10 mm	HR 25 mm	HR 60 mm
Overlay up to 4 possible extensions / Divisible spacers	Divisible spacers.	Overlay up to 4 possible extensions / Use the tags for an precise installation.
Height: 10 mm / Ø 120 mm / Spacer thickness 3 mm	Height: 25 mm / Ø 120 mm	Height: 60 mm / Ø 120 mm
100% recycled polypropylene		
To be positioned on the riser head	To be positioned on the riser head. Only one extension possible, do not overlap. Used with risers of 40 mm minimum height	To be placed between the base and the riser head. Not compatible with risers less than 50 mm high
Box of 60 pieces	Box of 120 pieces	Box of 5 bags of 8 pieces
Ref. IH010FIXDC40000	Ref. IH025FIXRC10000	Ref. IH060FIXRS50000
		Sac de 60 pieces Ref. IH060FIXRS10000



Acoustic rubber cushion

Significantly reduces any resonance and dampens vibrations.

- Can be cut to compensate eventual thickness differences of slab.
- Robust.
- Reduces noise and vibration by half (compared with using a riser pedestal alone).



ACOUSTIC RUBBER CUSHION	
Ø 87,8 mm / Thickness: 3 mm	
100% recycled tyre	
 To be positioned on the riser head.	
 Box of 100 pieces	 Box of 10 bags of 20 pieces
Ref. IH003GOMDC10000	Ref. IH003GOMDC30000

Slope corrector



SLOPE CORRECTOR
Provides up to 2.5% slope correction.
Overlay of up to 4 possible regulators, i.e. 10% of slope levelled
Ø 213 mm
100% recycled polypropylene
Install directly UNDER the riser without glue or screws / Adjust the positioning to the desired position thanks to the symbols on the plate.
Box of 40 pieces
Ref. IH025CORPC10000



Terrace construction tools



SLAB GRAB	PAVING LIFTER
The slab grab assists in terrace construction, pedestrian areas, or any structure that involves tile or slab handling.	Facilitates easier tile handling and provides convenient access to the technical area beneath slabs (riser pedestals, electric cables, lighting, etc.).
Good grip / Adjustable to suit slab widths from 300 to 700 mm / Enables safe and efficient slab manipulation	Easy to handle product / Used for lifting the slabs of a terrace on support pedestals with joints larger than or equal to 3 mm.
Steel, plastic handle	Steel / plastic (handle)
Hold the handle tight when moving the slab / Handle carefully	Lift the slab and grab it with your hand / Do not use to carry the tiles.
Per unit	Box of 10 pieces
Ref. IHPOSALDC10000	Ref. IHPOIGDALDC10000



TERRACE FINISHING USING TILE CUTTING

'ESSENTIAL' RANGE

Side finishing plate

Installed along walls, it supports and stabilises slabs that are specially cut to size for wall attachment. Used on terrace edges and corners in combination with the lateral riser support, it provides vertical support for a plinth.

- 100% invisible solution with a patented glue trap system.

Can be used with the HD20/30 pedestal set to 27 mm and with the combination of HD 20/30 + HD 10 mm extension.

NOTE: Raises the height of the riser by 13 mm. Cannot be used with HD 8/20 and HA 29/39 mm.



+ Lateral riser support

Creates a support for a plinth and ensures perfect alignment with the joints between slabs.

- 100% invisible solution with a patented glue trap system.
- No plinth thickness limit.



SIDE FINISHING PLATE - 'ESSENTIAL' RANGE
206 x 206 mm / Spacer thickness: 3 mm
100% recycled polypropylene
Box of 10 pieces (75 boxes/pallet)
Ref. IHPLDALDC20000

LATERAL RISER SUPPORT
100 x 67 x 28 mm
100% recycled polypropylene
Box of 10 pieces
Box of 5 bags of 10 pieces
Ref. IHSUPHABIC10000
Ref. IHSUPHABIG20000

CLEMAN® RANGE

Side finishing plate

Installed along walls, it supports and stabilises slabs that are specially cut to size for attachment to the wall.

Used on terrace edges and corners in combination with the lateral riser support, it provides vertical support for a plinth.

- Specific shape, ideal for creating 45° cut sections equipped with a patented glue-trap system.
- Compatible with small-format tiles, from 20 cm.

NOTE: Raises the riser height by 10 mm. Not compatible with 28/40 mm riser heights.



CLEMAN® SIDE FINISHING PLATE
219 x 219 mm / Spacer thickness: 4 mm
100% recycled polypropylene
Box of 10 pieces (80 cartons/palette)
Ref. IHPLDALCLEC20000



RELATED PRODUCT

Isolation pad for extra grip

Positioned on the side finishing plate, it reduces any vibration and improves the grip of the slab.

- Resistant.



ISOLATION PAD FOR EXTRA GRIP
145 x 160 mm / Thickness: 3 mm
100% recycled tyre
Box of 3 bags of 10 pieces
Box of 30 pieces
Ref. IHCARISOG20000
Ref. IHCARISOC20000

Possible configurations



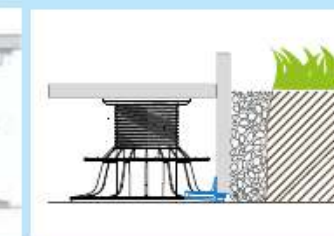
Invisible finish



Plinth finish



Creation of a second level



Finishing with a buttress

Instructions for use

'ESSENTIAL' RISER PEDESTAL FROM 40 MM IN HEIGHT

For corner covering, provide 2 lateral riser supports / Provide 1 lateral riser support per periphery riser / For a 100% invisible finish, the tab of the lateral riser support can be snapped off / For a no-adhesive installation, the tab is retained and used as an endstop to hold the bottom of the plinth in place.



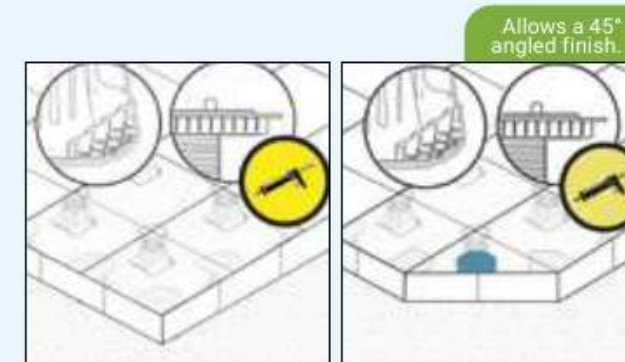
Install one side finishing plate for perimeter riser. Position the lateral riser support on the base of the riser. Clip the side finishing plate to the head of the riser pedestal. Then place an isolation pad on each side finishing plate around the perimeter (optional). Note: The isolation pad raises the finished height by 3 mm.

Lay all the perimeter tiles.

FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS

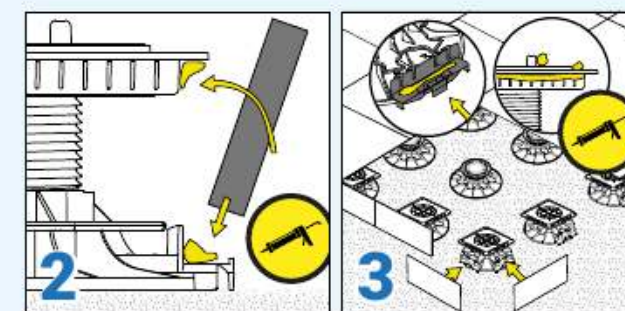


1 CLEMAN® RISER PEDESTAL FROM 40 MM IN HEIGHT



Install one side finishing plate per perimeter riser. Position the side finishing plate according to the installation configuration. Place the risers around the perimeter of the terrace, ensuring that the lateral riser supports are oriented outwards.

FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



Apply PU adhesive to the glue traps: on the tab of the lateral riser support and on the bottom of the side finishing plate.

Slide the lateral plinth vertically into position, pressing firmly against the glue traps.

TERRACE FINISHING USING A CLIP-ON FINISHING PROFILE

Finishing profile

The Jouplast® finishing profile is the only clip-on profile on the market. It saves a considerable amount of time whilst providing an attractive finish, without the need for additional tools or adhesive. For use with the side finishing plate.

- Aluminium profile for finishing the sides of a terrace on pedestals.
- Suitable for slabs with 20 mm minimum thickness.
- Covers tile edges up to 20 mm thick.
- Aesthetic finishing.
- Attaches to the securing clip without glue.



Compatible
ESSENTIAL
+CLEMAN®

CLIP-ON FINISHING PROFILE		
70 x 2400 mm	100 x 2400 mm	140 x 2400 mm
Made from 80% recycled aluminium / 100% recyclable		
● Charcoal Grey (RAL 7016) ● Chrome ○ Pearl white (RAL 1013)		
Set of 2	Set of 2	Set of 2
Chrome: Ref. IPFIN70PRO20000 Charcoal Grey: Ref. IPFIN70PRO10000 Pearl white: Ref. IPFIN70PRO30000	Chrome: Ref. IPFIN100PRO20000 Charcoal Grey: Ref. IPFIN100PRO10000 Pearl white: Ref. IPFIN100PRO30000	Chrome: Ref. IPFIN140PRO20000 Charcoal Grey: Ref. IPFIN140PRO10000 Pearl white: Ref. IPFIN140PRO30000

Connector

For joining 2 edge finishing profiles.

- Conceals the butt jointing between profiles.
- Ensures correct finishing profiles alignment.



CONNECTOR			INTERNAL CORNER			EXTERNAL CORNER		
70 x 30 mm	100 x 30 mm	140 x 30 mm	70 x 30 mm	100 x 30 mm	140 x 30 mm	70 x 30 mm	100 x 30 mm	140 x 30 mm
Made from 80% recycled aluminium / 100% recyclable								
● Charcoal Grey (RAL 7016) ● Chrome ○ Pearl white (RAL 1013)								
Per unit	Per unit	Per unit	Per unit	Per unit	Per unit	Per unit	Per unit	Per unit
Chrome: Ref. IPFIN70JDT20000 Charcoal Grey: Ref. IPFIN70JDT10000 Pearl white: Ref. IPFIN70JDT30000	Chrome: Ref. IPFIN100JDT20000 Charcoal Grey: Ref. IPFIN100JDT10000 Pearl white: Ref. IPFIN100JDT30000	Chrome: Ref. IPFIN140JDT20000 Charcoal Grey: Ref. IPFIN140JDT10000 Pearl white: Ref. IPFIN140JDT30000	Chrome: Ref. IPFIN70JAR20000 Charcoal Grey: Ref. IPFIN70JAR10000 Pearl white: Ref. IPFIN70JAR30000	Chrome: Ref. IPFIN100JAR20000 Charcoal Grey: Ref. IPFIN100JAR10000 Pearl white: Ref. IPFIN100JAR30000	Chrome: Ref. IPFIN140JAR20000 Charcoal Grey: Ref. IPFIN140JAR10000 Pearl white: Ref. IPFIN140JAR30000	Chrome: Ref. IPFIN70JAS20000 Charcoal Grey: Ref. IPFIN70JAS10000 Pearl white: Ref. IPFIN70JAS30000	Chrome: Ref. IPFIN100JAS20000 Charcoal Grey: Ref. IPFIN100JAS10000 Pearl white: Ref. IPFIN100JAS30000	Chrome: Ref. IPFIN140JAS20000 Charcoal Grey: Ref. IPFIN140JAS10000 Pearl white: Ref. IPFIN140JAS30000

Securing clip

Locks the edge finishing profile in place.

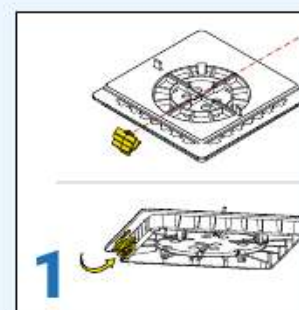
- No tools or screws required.
- Provides a visual reference for correct alignment of the slabs.



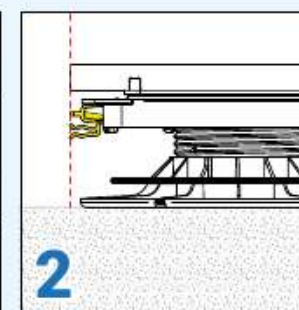
SECURING CLIP
35 x 26,6 x 26,1 mm
100% recycled polypropylene
● Black
Bag of 8 pieces
Ref. IPFINCLIPFIX10000



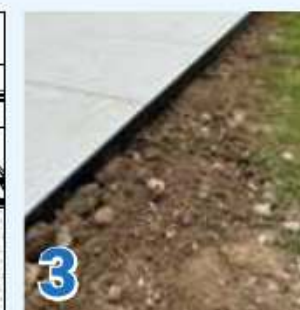
Instructions for use



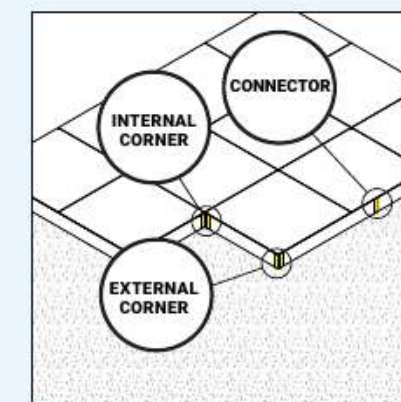
Before attaching the paved side finishing plates to all the perimeter riser pedestals, locate 1 securing clip in the glue trap of each paved side finishing plate. Use one clip per side finishing plate / For corner covering, use 2 clips per side finishing plate.



Clip the paved side finishing plates onto the riser pedestal heads with the clips facing outwards. Then place a square isolation pad on each paved side finishing plate around the perimeter.



Lay all the perimeter tiles. Vertically align the edge of each tile with the clip.



	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	110 mm	120 mm	130 mm	140 mm	150 mm
Hauteur Height Höhe Altezza Altura Hoogte			70								
				100							
										140	

FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



Side finishing plate support kit + extensions



SIDE FINISHING PLATE SUPPORT KIT + EXTENSIONS

For use with paved side finishing plate support heights of between 45 and 65 mm (without extensions) and, 45 and 105 mm (with extensions) / Compatible with Jouplast® clip-on finishing profiles.

- Prevents tipping of terrace-edge or wall-edge paving by eliminating any overhang.

Foot: 52 x 112 mm / Lower & upper locking wedge: 35 x 65 mm - 35 x 27 mm / Extension height: 20 mm.

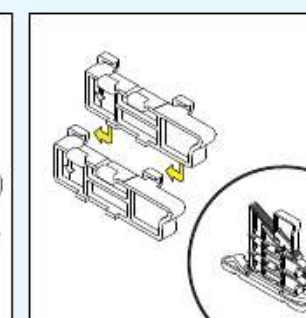
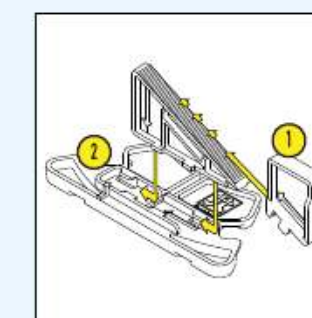
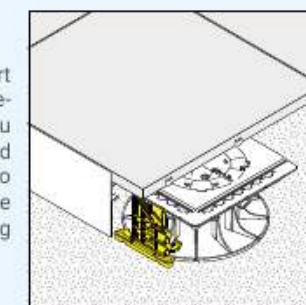
100% recycled polypropylene

- Assemble the kit before fitting it to the riser pedestal base, then adjust the height. 2 extensions max.

Box of 10 bags of 8 kits
Ref. IHKITPAD10000

Box of 30 bags of 8 extensions
Ref. IHREHKITPAD10000

To provide additional support and prevent tipping of terrace-edge or wall-edge paving, you have the option to use the paved side finishing plate support kit to secure the assembly. Assemble all the components before fitting to the riser pedestal.



Profildeck® ALUMINIUM JOIST SYSTEM FOR TERRACE AND DECKING

UNLEASH YOUR CREATIVITY WITH PROFILDECK® !

We have designed an innovative range for building terraces on pedestals, allowing you to mix and match coverings according to your preferences: tiles, natural wood and composite wood.



The Profildeck® structure, consisting of aluminium joists and accessories, offers a rot-proof, economical and durable solution. Not only does it allow you to mix materials, but it also allows you to lay large-format tiles and slat-format tiles, and can be adapted to all laying patterns: straight, staggered, multi-format, etc.

Profildeck® distributes loads evenly, thus limiting the impact of uneven surfaces. It is also the ideal solution for pool surrounds, thanks to its strength and adaptability.

Available in two heights, the Profildeck® range meets the requirements of all projects, whether domestic or commercial use.



KEY FEATURES



A single structural solution for 2 applications.



Easy installation: only 4 tools (a miter saw, a measuring tape, a screwdriver and a level).



Compatible with all Jouplast® ESSENTIAL range paving and decking riser pedestals heads and Elevo® ones (also compatible with self-levelling risers).



The option to mix materials subject to maintaining the same cladding/paving/decking thickness.



Perfect for installing large format slabs (120 x 120 cm) and narrow slabs (20 x 120 cm, 30 x 120 cm, etc.).



Allows several installation possibilities: straight laying, staggered laying, multi-formats...



Stability over time.



For public or private use.



Allows side finishing options.



Quick to install.



Offers the opportunity to connect and align different types of substrate: gravel/concrete slab.



Complete patented system for constructing terrace structures.



10 YEARS



Aluminium joists

Enable the construction of self-supporting terrace structures for paved terraces, natural wood decking, or composite decking. Also help to drain rainwater efficiently.

• Double-sided design: one product for two applications - wood decking or paving slabs.

• Suitable for installing multi-format mineral slabs.

NOTE: The H27 joist can be used with the 8/20 mm decking riser pedestal where there is very limited installation height and on concrete slabs.



ALUMINIUM JOIST - HEIGHT 27 mm	ALUMINIUM JOIST - HEIGHT 55 mm
2 400 x 49 x 27.5 mm Height (Joist + adapter): 32.5 mm	2 400 x 49 x 55 mm Height (Joist + adapter): 60 mm
Made from 80% recycled aluminium / 100% recyclable	
Can be easily cut with a radial saw ("multicut" type).	
Set of 4	Set of 4
Ref. IPDPRO2MC40000	Ref. IPDPRO2MC30000

Adapter

Secures the Profildeck® profile to the 'Essential' and Elevo® riser head and clips onto all Jouplast® riser heads (paving, inc. self-levelling and decking).

Ensures good lateral stability of the joist to the riser, and excellent shear resistance.

Use the adapter to link 2 profiles together with the 4 fixing points.

• Can be used with all 'Essential' risers from HD 20/30mm, as well as with extensions RH 25.



ADAPTER
158 x 82 x 48 mm
100% recycled polypropylene
Raises the height of the riser by 5 mm.
Box of 40 pieces
Ref. IPDADAPTAC10000

Assembling the joists



PROFILDECK® SCREW	VERTICAL JUNCTION ANGLE BRACKET	HORIZONTAL JUNCTION ANGLE BRACKET	
Secures brackets directly into the profile.	Enables the construction of a second-level terrace	For reinforcing 90° joints / Enables the fixing of reinforcements or perimeter joists	For reinforcing 90° joints with H27 aluminium joist / Allows the side finishing (decking side) with H55 aluminium joist.
• Self-drilling	• Slotted holes for accurate setting	• Slotted holes for accurate setting	• Pre-drilled: for easy screwing.
4.8 x 19 mm Hexagonal head and integrated flange	75 x 75 mm Thickness: 2 mm	50 mm x 54 mm / Height: 30 mm Thickness: 2 mm	44 mm x 44 mm / Height: 20 mm Thickness: 2 mm
Zinc plated steel		Galvanised steel	
• Tighten to max 2.5 Nm torque (The tightening torque is 8 on an 18 volts screwdriver).	• Use 4 screws for each angle bracket.	• For an easier installation, place the bracket between the outer low rail of the aluminium joist.	
Box of 500 pieces	Box of 8 bags of 20 pieces	Box of 6 bags of 20 pieces	Box of 6 bags of 20 pieces
Ref. IPDVIFIEQC10000	Ref. IPDEQASVEC10000	Ref. IPDEQASHOC10000	Ref. IPDEQASHOC20000

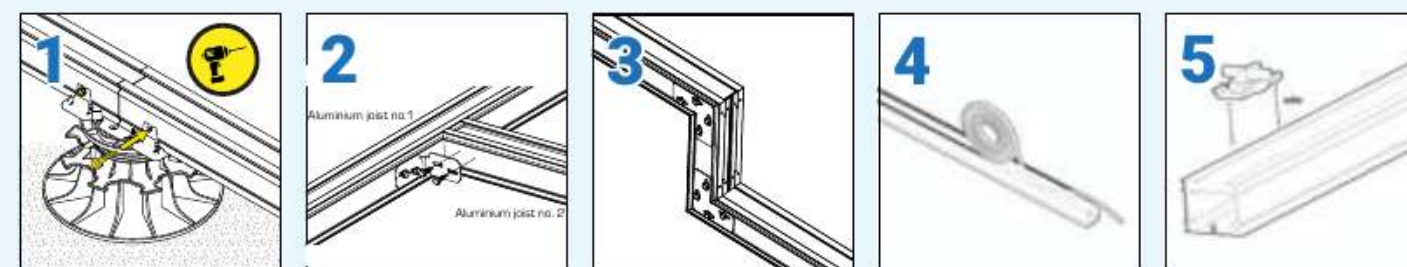
Accessories



SLAB SPACER	RUBBER TAPE	TILE EDGING PIECE
Creates a 3 mm drainage channel between paving elements.	Maintains the paving on the Profildeck® profile and reduces noises and resonances.	Holds the tiles at the edge of a terrace in place during horizontal movements and locks all the tiles in the installation.
• 10 mm side articulation / For staggered installation / Divisible tabs.	• UV and frost resistant.	• Discreet: the aesthetics of the installation are preserved / Recommended for terraces with high footfall, such as in public buildings.
63 x 22.9 mm Spacer thickness: 3 mm	Roll of 20 linear metres (2 x 10 m) Tape width: 12 mm Thickness: 3 mm Roll diameter: 22 cm	116 mm x 20 mm Thickness: 1.5 mm
100% recycled polypropylene	100% recycled tyre	Stainless steel
Box of 5 bags of 20 pieces	Box of 4 packs of 2 rolls	Bag of 10 pieces
Ref. IPDCROISIC20000	Ref. IPDBANCAOC20000	Ref. IPDARDAC10000



Instructions for use



Position the adapter on the riser pedestal (Note: position a riser pedestal under every profile joint).

Join joist sections using horizontal junction angle bracket.

Join joist sections using vertical junction angle bracket to create steps.

Apply the rubber tape.

Use the slab spacer. To be clipped into the profile guide system.

NOTE: for a private project : Joist - Height 55 mm: The recommended spacing distance for riser pedestals is 80 cm.
Joist - Height 27 mm: The recommended spacing distance for riser pedestals is 48 cm.

FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



SIDE FINISHING WITH PROFILDECK® USING TILE CUTTING

Edge finishing t-joint et pas t-piece

Supports the corner slabs and allows the side finishing of the terrace installed on Profildeck®.

- You will need only one single product to complete the lateral finishing of the terrace.
- Invisible vertical plinth support.
- Glue trap system.

NOTE: Non compatible with the 27 mm Profildeck® aluminium joist (cf. P. 18)

EDGE FINISHING T-PIECE
108 x 66,5 mm
Recycled filled polypropylene
Box of 10 pieces
Ref. IPDTEFIN1000

Lateral riser support

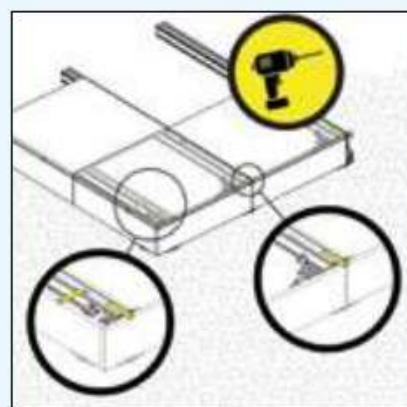
Creates a support for a plinth and aligns perfectly with the spaces between slabs.

- 100% invisible solution with a patented glue trap system.
- No plinth thickness limit.

LATERAL RISER SUPPORT
100 x 67 x 28 mm
100% recycled polypropylene
Box of 10 pieces
Box of 5 bags of 10 pieces
Ref. IHSUPHABIC10000
Ref. IHSUPHABIG20000



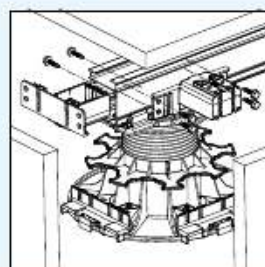
USE OF THE TILE EDGING PIECE



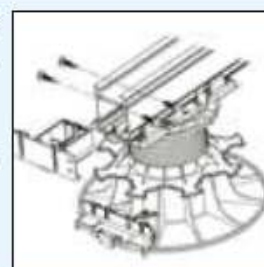
Can be used in staggered installation. Can be used regardless of the direction in which the Profildeck® joist is laid. To be positioned at the junction of 2 tiles.

Instructions for use

TERRACE FINISHING USING TILE CUTTING



Corner of the terrace



Joist extremity

Used with PROFILDECK® structural screws and lateral riser support at the base of the pedestal.

SIDE FINISHING WITH PROFILDECK® USING A CLIP-ON FINISHING PROFILE

Finishing profile

The Jouplast® finishing profile is the only clip-on profile on the market. It saves a considerable amount of time whilst providing an attractive finish, without the need for additional tools or adhesive.

- Aluminium profile for finishing the sides of a terrace on pedestals.
- Suitable for slabs with 20 mm minimum thickness.
- Covers tile edges up to 20 mm thick.
- Aesthetic finishing.
- Attaches to the securing clip without glue.

CLIP-ON FINISHING PROFILE		
70 x 2400 mm	100 x 2400 mm	140 x 2400 mm
Made from 80% recycled aluminium / 100% recyclable		
Charcoal Grey (RAL 7016) Chrome Pearl white (RAL 1013)		
Set of 2	Set of 2	Set of 2
Chrome: Ref. IPFIN70PRO20000 Charcoal Grey: Ref. IPFIN70PRO10000 Pearl white: Ref. IPFIN70PRO30000	Chrome: Ref. IPFIN100PRO20000 Charcoal Grey: Ref. IPFIN100PRO10000 Pearl white: Ref. IPFIN100PRO30000	Chrome: Ref. IPFIN140PRO20000 Charcoal Grey: Ref. IPFIN140PRO10000 Pearl white: Ref. IPFIN140PRO30000

Connector

For joining 2 edge finishing profiles.

- Conceals the butt jointing between profiles.
- Ensures correct finishing profiles alignment.

CONNECTOR			INTERNAL CORNER			EXTERNAL CORNER		
70 x 30 mm	100 x 30 mm	140 x 30 mm	70 x 30 mm	100 x 30 mm	140 x 30 mm	70 x 30 mm	100 x 30 mm	140 x 30 mm
Made from 80% recycled aluminium / 100% recyclable								
Charcoal Grey (RAL 7016) Chrome Oyster white (RAL 1013)								
Per unit	Per unit	Per unit	Per unit	Per unit	Per unit	Per unit	Per unit	Per unit
Chrome: Ref. IPFIN70JDT20000 Charcoal Grey: Ref. IPFIN70JDT10000 Pearl white: Ref. IPFIN70JDT30000	Chrome: Ref. IPFIN100JDT20000 Charcoal Grey: Ref. IPFIN100JDT10000 Pearl white: Ref. IPFIN100JDT30000	Chrome: Ref. IPFIN140JDT20000 Charcoal Grey: Ref. IPFIN140JDT10000 Pearl white: Ref. IPFIN140JDT30000	Chrome: Ref. IPFIN70JAR20000 Charcoal Grey: Ref. IPFIN70JAR10000 Pearl white: Ref. IPFIN70JAR30000	Chrome: Ref. IPFIN100JAR20000 Charcoal Grey: Ref. IPFIN100JAR10000 Pearl white: Ref. IPFIN100JAR30000	Chrome: Ref. IPFIN140JAR20000 Charcoal Grey: Ref. IPFIN140JAR10000 Pearl white: Ref. IPFIN140JAR30000	Chrome: Ref. IPFIN70JAS20000 Charcoal Grey: Ref. IPFIN70JAS10000 Pearl white: Ref. IPFIN70JAS30000	Chrome: Ref. IPFIN100JAS20000 Charcoal Grey: Ref. IPFIN100JAS10000 Pearl white: Ref. IPFIN100JAS30000	Chrome: Ref. IPFIN140JAS20000 Charcoal Grey: Ref. IPFIN140JAS10000 Pearl white: Ref. IPFIN140JAS30000

Securing clip

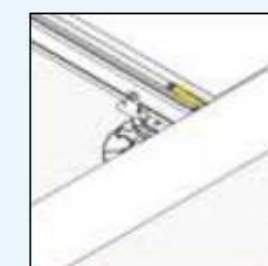
Secures the profile to the Profildeck® joist.

- Provides a visual reference for correct alignment of the slabs.
- No tools or screws required.

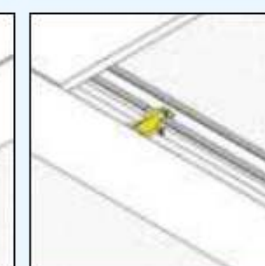
SECURING CLIP
35 x 26.6 x 26.1 mm
100% recycled polypropylene
Bag of 8 pieces
Ref. IPFINCLIPFIX10000

	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	110 mm	120 mm	130 mm	140 mm	150 mm
Hauteur Height Höhe Altezza Altura Hoogte			70								
				100							
								140			

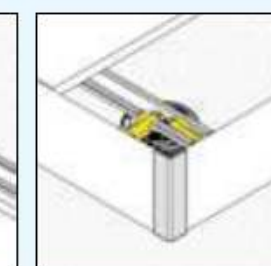
Instructions for use TERRACE FINISHING USING A CLIP-ON FINISHING PROFILE



At the end of the terrace



Along the terrace



In the corner of the terrace

Solutions for timber and composite decking

Our Essentiel, Elevo® and Easio® riser pedestals for timber decking are easy to use and cost-effective. Jouplast® offers a wide range of decking pedestals, as well as the ELEVO® pedestal, a pedestal for metal fence post support that requires no ground preparation.

'ESSENTIAL' RANGE p. 30

EASIO® RANGE p. 32

ELEVO® p. 34

RELATED PRODUCTS p. 35

LAYING ON PROFILDECK®
ALUMINIUM STRUCTURE p. 40



FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



Discover a wide range of related products to extend the life of your decking. To complete this range, our Profildeck® self-supporting structure allows you to build terraces using timber or composite decking.

OUR DECKING riser pedestals

3 ranges



'ESSENTIAL' range

Offers the best value for money for fast and efficient terrace construction.



EASIO®

Makes it easier to install decking thanks to its diamond-shaped head, which allows for double joist support on a single row of pedestals and provides reinforcement prior to fixing.



ELEVO®

The ideal solution for extending a patio or installing decking on a sloping site **without the need for any special ground preparation.**



Standard risers FOR INSTALLATION ON A LEVEL GROUND

Ideal for **timber** or **composite** decking for pedestrian use.



Self-levelling risers FOR INSTALLATION ON UNEVEN AND/OR IRREGULAR GROUND

Fitted with a **pivoting head**, the self-levelling riser is **designed to accommodate differences in the surface** below the pedestal, automatically correcting differences in height of up to 5% and irregularities in compacted gravel.



Ready to install WOODEN OR COM- POSITE DECKING WITH NO GROUND PREPARATION

The Elevo® decking riser head has a plastic base designed to nest on a **metal fence post** support (not supplied). 95 mm height adjustment range to set levels.

THE BENEFITS OF JOUPLAST® DECKING RISER PEDESTALS FOR RAISED TERRACE

The component parts of a Jouplast® decking riser pedestal



'ESSENTIAL' + EASIO® RANGE

Unique ergonomic nut with 8 lugs for easy manual adjustment and precise accuracy.

The design ensures that the height never varies, even under load.



'ESSENTIAL' + EASIO® RANGE

Reinforcing ribs for higher compressive strength.

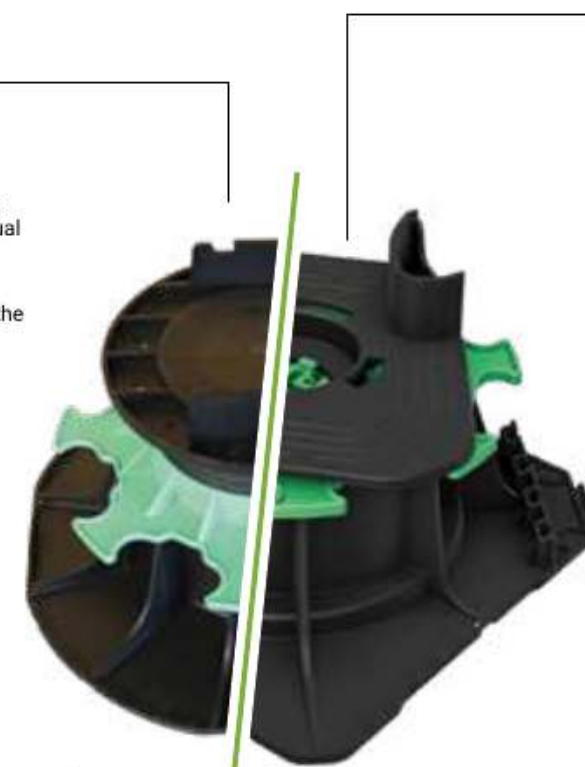


'ESSENTIAL' + EASIO® RANGE

Self-locking grooves for greater stability.



EASIO®
2 lateral supports integrated.



'ESSENTIAL' + EASIO® RANGE

Bearing contact area > 100 cm².

'ESSENTIAL' RANGE

Fitted with **two support tabs** for securing the joist to the riser.

EASIO® RANGE

Diamond-shaped design allowing for double joist installation on a single row of riser pedestals.

2 tabs to facilitate the installation and centring of the joists.

'ESSENTIAL' + EASIO®

Flange with chamfered edge to ensure a perfect support. All sections have drainage holes to prevent water retention (which can stagnate and encourage mosquitoes).

Bearing contact area > 300 cm² for excellent load distribution.

'ESSENTIAL' RANGE

Base shape optimised: makes it easy to install against a wall or in a corner.

EASIO®

A square base makes it easy to lay paving at an angle.

KEY FEATURES



Precise height adjustment using the rotating nut: no additional tools required.



Quick and easy installation with simple site preparation with no need for heavy earthworks.



Allow air to circulate and prevent moisture build-up.



Pipes and cables can be run beneath the terrace.



Allows surface water to drain freely and ensures decking ventilation.



A wide range covering all heights from 8 to 470 mm.



A comprehensive range of related products (see compatibility table).



High resistance to compressive loads, UV and frost.



Compliant with DTU French standards. Suitable for use in UK outdoor terrace and balcony projects.



PRODUCTS COMPATIBILITY P.54

Standard decking riser pedestals from 8 mm to 470 mm



- Height-adjustable supports for creating outdoor terraces intended for pedestrian use.
- Ideal for constructing terraces with timber or composite decking.
- Fixing tabs included.

The smallest adjustable riser on the market

 adjustable riser on the market				
HL 8/20 mm	HL 20/30 mm	HL 20/40 mm	HL 40/60 mm	
From 8 to 20 mm	From 20 to 30 mm	From 20 to 40 mm	From 40 to 60 mm	
Flange ø 170 mm Compatible with Profildeck® H27 aluminium joist.	Flange ø 208 mm / Riser head Ø 120 mm		Flange ø 198 mm / Riser head Ø 120 mm Distance between the two support tabs: 81 mm	
100% recycled polypropylene				
 Box of 2 bags of 20 pieces	 Box of 60 pieces	 Box of 50 pieces	 Packed by 11	 Bag of 60 pieces
Ref. IH008020LG20000	Ref. IH020030LC20000	Ref. IH020040LC20000	Ref. IH040060LF40000	Ref. IH040060LS10000

HL 50/80 mm	HL 80/140 mm	HL 140/230 mm*
From 50 to 80 mm	From 80 to 140 mm	From 140 to 230 mm and higher * * Use 60, 25 or 10 mm extensions for heights above 230 mm.
Flange ø 198 mm / Riser head Ø 120 mm / Distance between the two support tabs: 81 mm		
100% recycled polypropylene		
Packed by 11 Ref. IH050080LF40000	Bag of 60 pieces Ref. IH050080LS10000	Packed by 11 Ref. IH080140LF40000
		Bag of 40 pieces Ref. IH080140LS10000
		Packed by 11 Ref. IH140230LF40000
		Bag of 40 pieces Ref. IH140230LS10000

Extensions

Compatibility
TABLE
P.44

Slope corrector

EXTENSION HL 10 mm	EXTENSION HR 60 mm
Extensions increase the height of riser pedestals / By combining different sizes, heights of up to 470 mm can be achieved.	
Can be used as a 10 mm riser.	Overlay up to 4 possible extensions: Use the tags for an precise installation.
Ø 120 mm / Height: 10 mm	Ø 120 mm / Height: 60 mm
100% recycled polypropylene	
To be positioned on the riser head / 1 single extension per riser	To be placed between the base and the riser head / Not compatible with risers less than 50 mm high.
Box of 60 pieces Ref. IH010FIXLC20000	Box of 5 bags of 8 pieces Ref. IH060FIXRS00000
	Bag of 60 pieces Ref. IH060FIXRS10000

SLOPE CORRECTOR
Provides up to 2.5% slope correction.
Overlay of up to 4 possible regulators, i.e. 10% of slope levelled
Ø 213 mm
100% recycled polypropylene
Install directly UNDER the riser without glue or screws / Adjust the positioning to the desired position thanks to the symbols on the plate.
Box of 40 pieces Ref. IH025CORPC10000

Decking finishing

Provides a support for a vertical joist.
100% invisible solution with a patented glue trap system.

- No additional tools required.



LATERAL RISER SUPPORT	
Dimensions: 100 mm x 67 mm Height: 28 mm	
100% recycled polypropylene	
 Box of 10 pieces Ref. IHSUPHABIC10000	 Box of 5 bags of 10 pieces Ref. IHSUPHABIG20000



Instructions for use

Decking riser pedestals should be used only on stabilised level ground or on existing concrete support.

1. SITE PREPARATION

On uneven ground

- Remove approximately 15 cm of topsoil and level.
- Lay a geotextile membrane.
- Add hardcore and compact thoroughly.
- Use this measurement to determine which version of riser pedestal you need.

On concrete support

- Check the threshold clearance heights. Allow at least 8 cm for terraces clad in stone tiles (and 1 cm additional if using the invisible fixing system FIXEGO®).
- Use this measurement to determine which version of riser pedestal you need.
- Check the levels to ensure good drainage.

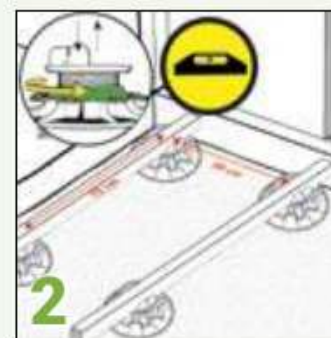
FIND OUT MORE
GROUND PREPARATION VIDEO



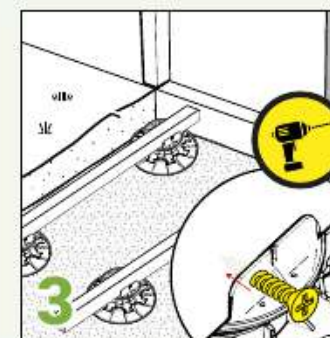
FIND OUT MORE
VIDEOS TECHNICAL SPECIFICATIONS



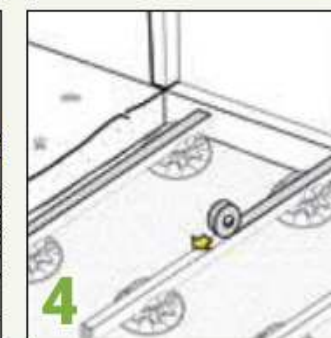
Recommended quantity of riser pedestal - see page 25



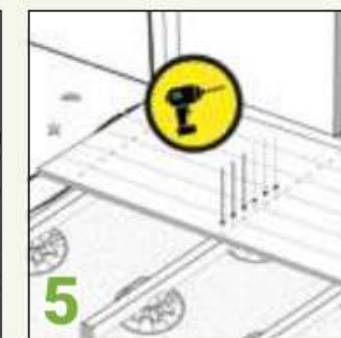
Place the risers on the ground / Position the joists.



Fix the joists in place / Adjust riser height.



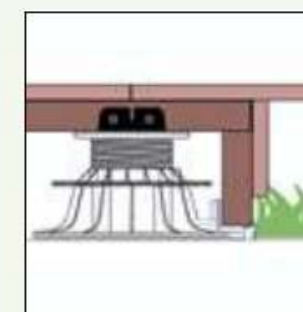
Apply the decking cover tape of your choice.



Fix the decking boards.

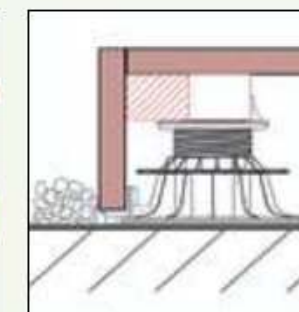
- Screw through into the beam using 1 screw per pedestal. The notch in the tab marks the central point at which 2 joists should be butt jointed.
- When using riser pedestals, the subframe must be constructed using wooden or metal joists, and not composite joists.
- For pedestrian and outdoor use only.
- Respect the center distance between risers and decking joists.
- Rules of good practice for wooden decking must be followed.

Edge finishing of a wooden decking made with riser pedestals



Finishing at end of joist

The lateral riser support enables the perimeter of the deck to be closed off.



Finishing on the side

To finish the sides of a decking terrace, add a batten to the joist secured to the riser head, and a short vertical joist to the lateral riser support.





Easio® decking riser pedestals

From 40 mm to 470 mm



- Height-adjustable supports for outdoor decking for pedestrian use.
- Ideal for creating timber or composite decking for pedestrian use only.
- 2 fixing tabs.
- Joists can be doubled up on a single row of riser pedestals.
- Self-levelling head: compensates for, or can be used to create, gradients of up to 5% on all types of ground.
- Holds a brace in position ready for fixing.
- Laying and centring of joists between 40 mm and 80 mm wide.
- Its design helps prevent the boards from warping at the edges of the decking.

40/55 mm	55/80 mm	80/130 mm	130/230 mm
From 40 to 55 mm	From 55 to 80 mm	From 80 to 130 mm	From 130 to 230 mm and higher* * Use extensions for heights above 230 mm.
Dimensions of the flange: 192 mm x 192 mm / Bearing contact area: 117 cm² / Tab height: 25 mm			
100% recycled polypropylene			
Box of 20 pieces	Box of 16 pieces	Box of 12 pieces	Box of 8 pieces
Ref. IH04005SLCE0000	Ref. IH055080LCE0000	Ref. IH080130LCE0000	Ref. IH130230LCE0000

Driver bit



DRIVER BIT

Adjusts the height or pre-adjusts the risers using a screwdriver.

- The bit fits directly into the chuck of the screwdriver. The bit has a standard 10 mm hexagonal shape to fit on a 10 mm wrench, a 10 mm socket ...

Length: 105 mm / Thickness: 4 mm

Hardened steel

Per unit

Ref. IH04005SLCE0000



Extensions



EXTENSION 10 mm	EXTENSION 60 mm
Increase the height of EASIO® risers.	Increase the height of EASIO® risers.
- Up to 4 stackable extensions. - Fits UNDER the pedestal.	- Optimised stability: extension to be screwed between the flange and the nut. - Up to 4 stackable extensions. - To screw on the riser basis.
Height: 10 mm / 192 x 192 mm	Height: 60 mm / Ø 105.2 mm
100% recycled polypropylene	100% recycled polypropylene
Box of 20 pieces	Box of 40 pieces
Ref. IH010FIXCLE10000	Ref. IHREHCLD00000

Decking finishing

Enables the edge finishing of the decking. A 100% invisible finish to cover the sides of the terrace.

- Allows the self-levelling function to be eliminated in order to block the joists at the edge of the terrace.
- Once positioned, the riser pedestal can still be adjusted.
- Patented system.



EASIO® EDGE FINISHING PIECE

Dimensions: 153.6 mm x 125 mm
Height: 18 mm

100% recycled polypropylene

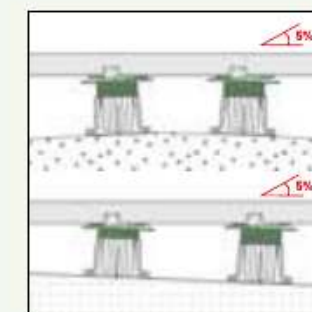
Box of 10 pieces

Ref. IHSUPHABIC20000

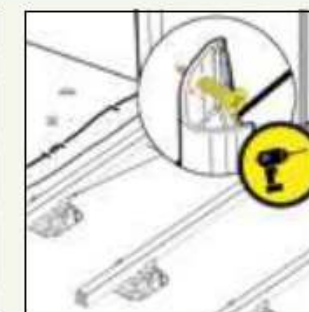
FIND OUT MORE
VIDEOS TECHNICAL SPECIFICATIONS



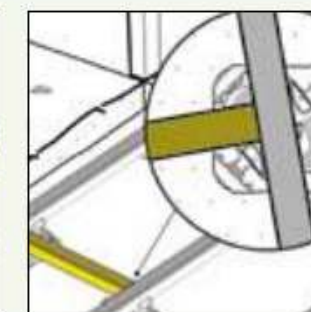
Instructions for use



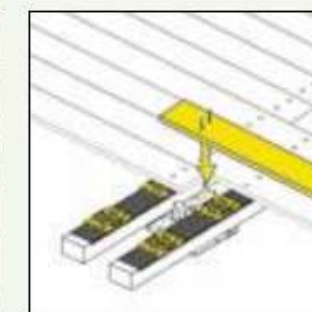
Self-levelling head.



Fix the joists in place.

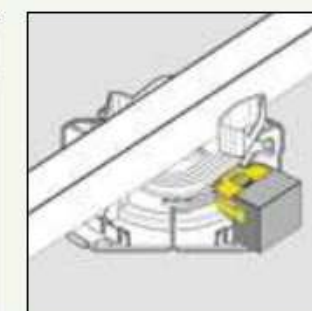
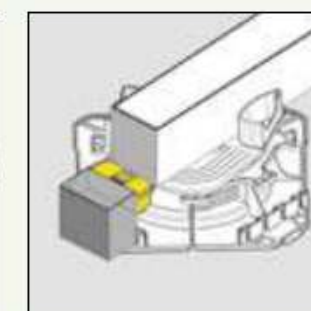
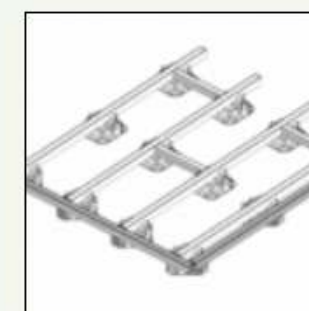


Install a brace.



Place the decking boards end to end in a single line of riser pedestals.

Edge finishing of a wooden decking made with EASIO® riser pedestals



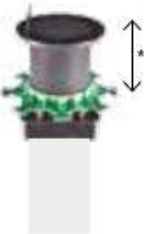
Finishing at end of joist.

Finishing on the sides.



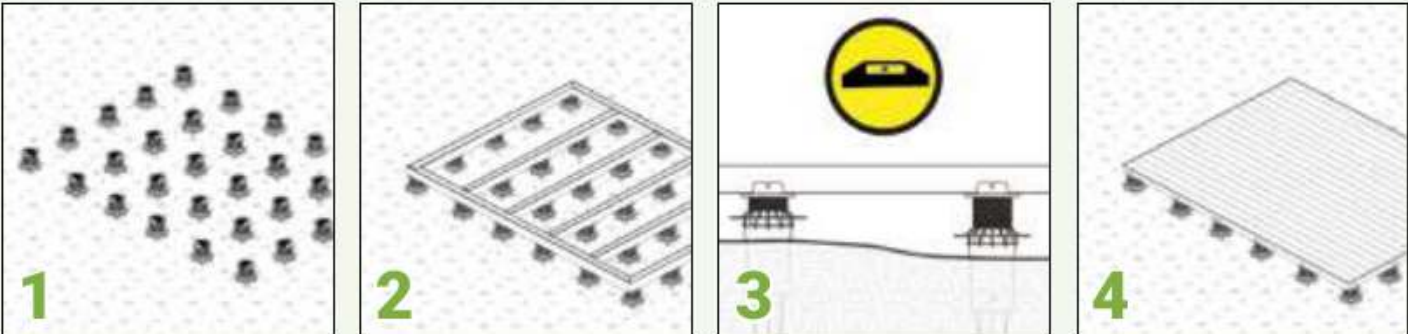
Adjustable decking riser pedestal for fence support spike from 43 mm to 138 mm

- Minimum site preparation required.
- Can be used with 60mm extension ('ESSENTIAL' range)
- Can be used with the PROFILDECK® aluminium joist (cf. P.29).
- The Elevo® decking riser head has a plastic box section base designed to locate on a metal fence post support (not supplied).



PLOT ELEVO®	
Adjustment range: 95 mm / * From 43 mm to 138 mm adjustment from the top of the metal fence post support. Dimensions: 90 x 90 mm / Riser head Ø: 100 mm	
100% recycled polypropylene	
Box of 3 bags of 10 pieces	
Ref. IHLVO140LG10000	

Instructions for use



1 Drive the metal fence post support into the ground, then position the ELEVO® pedestals, ensuring that the centre-to-centre distances are correct.

2 Position the joists and fix ELEVO® riser.

3 Adjust riser height.

4 Fix the decking boards.

FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



Decking protection

Allows installation with cladding, in accordance with French standards.

- Extends the terrace lifetime.
- Adheres to wood, metal.
- Seals the frame.



JOIST COVER TAPE	BITUMINOUS JOIST PROTECTION TAPE
Roll of 20 linear metres / Weight: 77 mm	
Polyethylene foam	Bitumen, aluminium, PET material
To place on a clean and dry support / To be placed on to the decking joists.	
Box of 8 rolls	Box of 8 rolls
Ref. IH080BDPLC200000	Ref. IH080BDPLC30000



Regular decking boards spacing

Spacers ensure a consistent gap between slabs during installation.

- Combined, they are also used as braces.
- Regular space between decking boards.
- Can also be used for composite boards.



SPACER 5 mm	SPACER 3 mm
Space between decking boards: 5 mm / Colour: black	Space between decking boards: 3 mm / Colour: blue
100% recycled polypropylene	
Insert the spacers regularly during installation / Remove spacers once installation is complete	
Box of 10 mixed bags with 4 spacers 3 mm blue and 4 spacers 5 mm black	Box of 5 bags of 80 pieces
Ref. IHMIXECART10000	Ref. IH003EDGA0000



Invisible fixing system for wooden decking boards

Innovative and versatile product enables quick and easy decking installation with no unsightly screw holes.

- 100% invisible.
- Extends the lifespan of decking by ensuring effective ventilation.
- Ideal for individual decking board replacement.
- Perfect for renovation projects.
- Screw fixings: treated with SILVERPLUS and Lubex for easy installation and high corrosion resistance.
- Good pullout test.
- Single reference covering all installation stages (start, laying, finishing, and renovation).



FIXEGO® FOR BOARDS THICKNESS 19-25 mm	FIXEGO® FOR BOARDS SUP. THICKNESS 25 mm
Dimensions: 203 x 20 x 10 mm	
Reinforced Polypropylene	
Per bucket: 4 m² 64 fixings + 200 screws 6 x 25 + 20 cleats + 24 screws 4 x 25 + 4 spacers	Per bucket: 4 m² 64 fixings + 200 screws 6 x 30 + 20 cleats + 24 screws 4 x 25 + 4 spacers
Ref. IH021FLTL0000	Ref. IH028FLTL0000

Start and end cleat

- One single part for the start and the end of the joist.
- The cleat can be used as a 5 mm template to ensure its good positioning.



START AND END CLEAT
Dimensions: 26.5 x 38 x 10 mm
Reinforced polypropylene
Box of 10 pieces et 24 screws (4x25)
Ref. IH020TAQXC10000



Instructions for use

1

Build the decking subframe using risers or wedges.

2

Prepare the components.

3

BEGIN LAYING THE DECKING.

4

Prepare the first decking board.

5

Turn and secure the board.

6

Prepare the remaining decking boards.

7

Turn, slide and fix each decking board.

8

Prepare the final decking board.

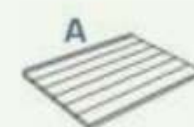
9

Attach the final components.

10

Fix the final decking board.

- Do not use Fixego® with composite boards.
- Wooden decking boards must have a moisture content of between 18 and 22 % to avoid any risk of the structure becoming unstable. The structural integrity of Fixego® installations is not guaranteed where decking board moisture content is above 22 %.
- It is recommended that the joists and the decking boards are made from the same species of wood.
- Fixego® is not recommended for use with unstable wood (e.g. acacia).
- For moderately stable wood species (e.g. cumaru), it is recommended not to use decking boards longer than 2.40 m.



NUMBER OF CLEATS

IFA =	1 M	2 M	3 M	4 M	5 M
CLEATS	12	20	28	36	44



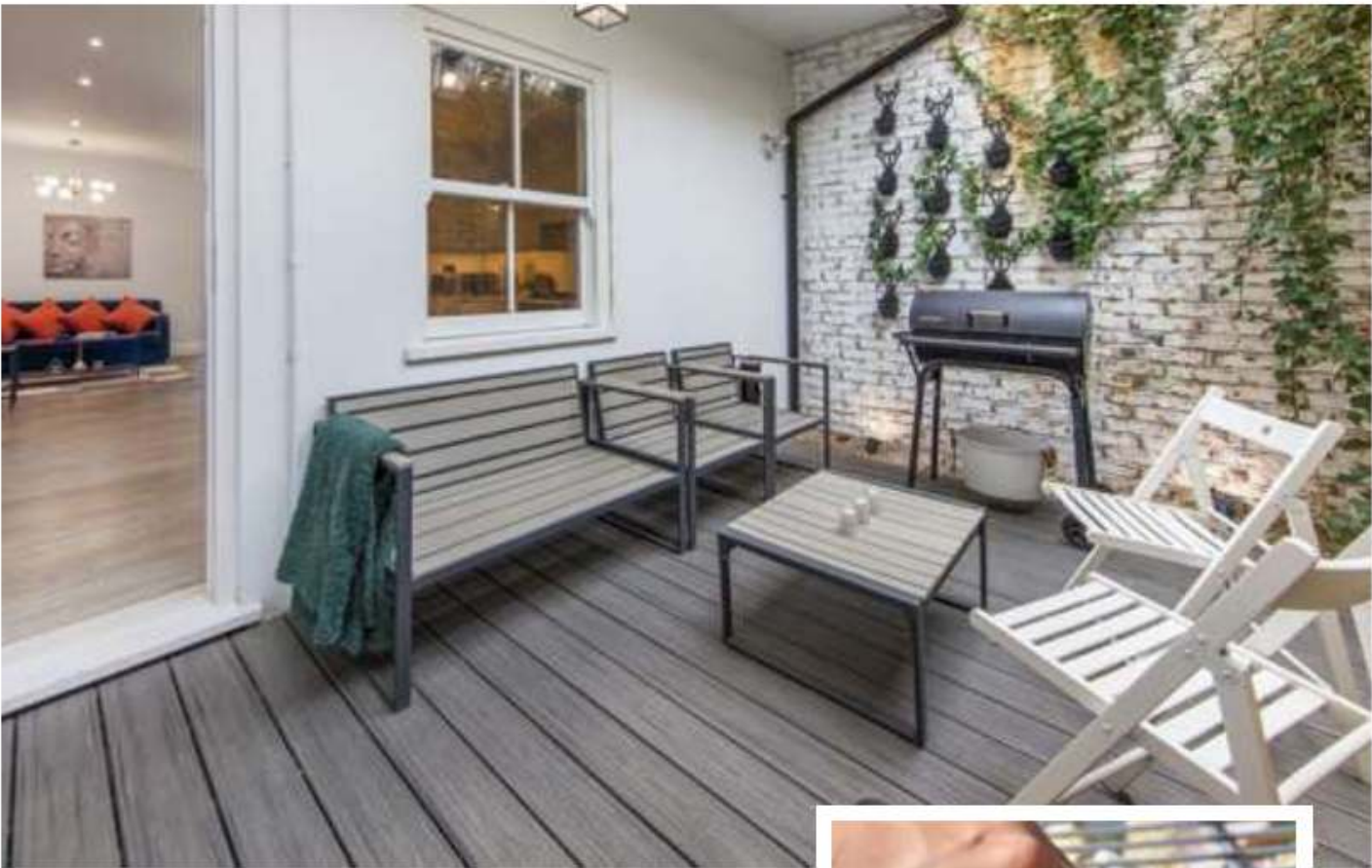
Construction wedges



DIVISIBLE PLASTIC SHIM			FORK SHIMS		
Can be used for all interior and exterior carpentry work and for packing wooden floors, including decking and parquet flooring / Helps improve ventilation beneath the structure.			Allows for adjustments from 1 mm. / Ideal for installing and adjusting joinery and for all types of construction shimming (fitting cladding, panelling, door reveals, etc.)		
🟢 The only shim on the market that can be snapped into 2 or 4 sections / Allows adjustments from 2 mm / Ensures a good ventilation of the finished structure by maintaining the minimum 3 mm space required between the board and the joist / Compatible with ridged wedges / Can be stacked due to the lugs.			🟢 Fork shape with flexible inner comb to clip the shim (s) onto a screw / Can be stacked due to the lugs / Removable tab.		
3 references 80 x 60 mm 1 colour per thickness 🟢 2 mm - green 🟡 3 mm - blue ⬛ 5 mm - black			44 x 44 mm / 4 references: 1 colour per thickness 1 mm - white 🟢 2 mm - green 🟡 3 mm - blue ⬛ 5 mm - black		
100% recycled polypropylene					
👷 Can be screwed, glued or nailed					
Plastic shim 2 mm (green)	Plastic shim 3 mm (blue)	Plastic shim 5 mm (black)	Plastic shim 2, 3, 5 mm	Plastic shim 2, 3, 5 mm	
📦 Box of 10 bags of 160 pieces (40 parts divisible on 4)	📦 Box of 10 bags of 160 pieces (40 parts divisible on 4)	📦 Box of 10 bags of 160 pieces (40 parts divisible on 4)	📦 Box of 12 mixed bags of 300 pieces (3 x 25 parts divisible on 4)	📦 Mixed bucket of 1200 parts (3 x 100 parts divisible on 4)	📦 Mixed bucket 4 x 100 part
Ref. IH002CRGA0000	Ref. IH003CRGA0000	Ref. IH005CRGA10000	Ref. IHMIX025CG10000	Ref. IHMIX100CB10000	Ref. IHMIXCALFOU10000



RIDGED WEDGE 90 mm		RIDGED WEDGE 170 mm		
Can be used for all interior and exterior carpentry work and for packing wooden floors, including decking and parquet flooring / Helps improve ventilation beneath the structure.				
+ Allows adjustments from 14 to 20 mm / Saw teeth provide precise wedging / Compatible with flat shims.		+ Allows adjustments from 11 to 40 mm, with only one product / Saw teeth provide precise wedgin / Compatible with flat shims.		
94 x 46 x 12 mm		172 x 46 x 12 mm		
100% recycled polypropylene				
 Can be screwed, glued or nailed				
 Bucket of 100 pieces	 Box of 8 bags of 30 parts	 Mixed bucket H90 x 50 + H170 x 30	 Bucket of 50 pieces	 Box of 12 bags of 25 parts
Ref. IH090CALEB10000	Ref. IH090CALEG10000	Ref. IHMIXCALEB10000	Ref. IH170CALEB10000	Ref. IH170CALEG10000



Rubber joist support

RUBBER JOIST SUPPORT
Allows you to wedge the decking joists. Ideal for insulating the decking structure.
+ Reduces impact noise / Ventilation and insulation guaranteed / Imputrescible.
90 x 60 x 8 mm
100% recycled tyre
To be used on flat and rigid ground / Stacking possible up to 4 wedges, i.e. 32 mm / Recommended distance between 2 wedges: 50 cm / Can be used with cover tape
48 units per pack
Ref. IH008GOMLC20000



WOODEN DECKING MAINTENANCE

Over time, decking boards may become slightly grey. This is a natural effect caused by the oxidation of a thin surface layer when exposed to UV from natural daylight and the effects weather. This grey layer can be removed with a wood brightener applied using a stiff brush. You can also apply a penetrating oil the same colour as the natural colour of the wooden.

A special oil may be more appropriate for tropical hardwoods, although the high density of some woodens may prevent penetration of the oil.

Profildeck® ALUMINIUM JOIST SYSTEM FOR TERRACE AND DECKING

UNLEASH YOUR CREATIVITY WITH PROFILDECK® !

We have designed an innovative range for building terraces on pedestals, allowing you to mix and match coverings according to your preferences: tiles, natural wood and composite wood.



The Profildeck® structure, consisting of aluminium joists and accessories, offers a rot-proof, economical and durable solution. It is particularly suitable for installing wooden terraces, as the aluminium joists ensure optimal strength and increased longevity, even in demanding environments.

Profildeck® distributes loads evenly, thus limiting the impact of uneven surfaces. It is also the ideal solution for pool surrounds, thanks to its strength and adaptability.

Available in two heights, the Profildeck® range meets the requirements of all projects, whether domestic or commercial use.



KEY FEATURES



A single structural solution for 2 applications.



Easy installation: only 4 tools (a miter saw, a measuring tape, a screwdriver and a level).



Compatible with all Jouplast® 'ESSENTIAL' range paving riser pedestal heads (standards or self-levelling) and Elevo® ones.



The option to mix materials: subject to maintaining the same cladding/paving/decking thickness.



Lighter than a wooden structure.



Stability over time.



For public or private use.



Allows side finishing options.



Quick to install.



Offers the opportunity to connect and align different types of substrate: gravel/concrete slab.



Complete patented terrace frame installation system.





Aluminium joists

Enable the construction of self-supporting terrace structures for paved terraces, natural wood decking, or composite decking. Also help to drain rainwater efficiently.

➤ Double-sided design: one product for two applications - wood decking or paving slabs.

NOTE: The H27 joist can be used with the 8/20 mm decking riser where there is very limited installation height and on concrete slabs.



ALUMINIUM JOIST 27 mm	ALUMINIUM JOIST 55 mm
2 400 x 49 x 27.5 mm Height (joist and adapter): 32.5 mm	2 400 x 49 x 55 mm (1.06 kg / linear metre) Height (joist and adapter): 60 mm
Made from 80% recycled aluminium / 100% recyclable	
Can be easily cut with a radial saw ("multicut" type).	
Set of 4	Set of 4
Ref. IPDPRO2MC40000	Ref. IPDPRO2MC30000

Adapter

Secures the Profildeck® profile to the 'Essential' and Elevo® riser head and clips on to all Jouplast® riser heads (paving, inc. self-levelling and decking).

Ensures good lateral stability of the joist to the riser, and excellent shearing resistance.

Use the adapter to link 2 profiles together with the 4 fixing points.

➤ Can be used with all Essential risers from 20/30 mm.



ADAPTER
158 x 82 x 48 mm
100% recycled polypropylene
Raises the height of the riser by 5 mm.
Box of 40 pieces
Ref. IPDADAPTAC10000

Assembling the joists



VERTICAL JUNCTION ANGLE BRACKET	HORIZONTAL JUNCTION ANGLE BRACKET	
Enables the construction of a second-level terrace.	For reinforcing 90° joints / Enables the fixing of reinforcements or perimeter joists.	For reinforcing 90° joints with H27 aluminium joist / Allows the side finishing (decking side) with H55 aluminium joist.
➤ Slotted holes for accurate setting.		➤ Pre-drilled: for easy screwing.
75 x 75 mm / Thickness: 2 mm	50 mm x 54 mm Height: 30 mm / Thickness: 2 mm	44 mm x 44 mm Height: 20 mm / Thickness: 2 mm
Zinc plated steel		Galvanised steel
Allow for 4 screws per bracket / For an easier installation, place the bracket between the outer low rail of the aluminium joist.		
Box of 8 bags of 20 pieces	Box of 6 bags of 20 pieces	Box of 6 bags of 20 pieces
Ref. IPDEQASVEC10000	Ref. IPDEQASHOC10000	Ref. IPDEQASHOC20000

Accessories

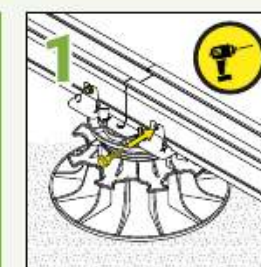


PROFILDECK® SCREW	DECKING BOARD SCREW	ANTI-CONDENSATION TAPE
Secures brackets directly into the profile.	Used to fix decking boards to the aluminium joist.	Prevents moisture rising between the Profildeck® joists and the decking boards.
➤ Self-drilling.	➤ Self-drilling.	➤ Self-adhesive / Tear-proof.
4.8 x 19 mm Hexagonal head and integrated flange.	5.5 x 45 mm Countersunk head screw with wings Tip: SIT20	Roll of 20 linear metres Strip width: 50 mm Roll diameter: 19 cm
Zinc plated steel	A4 Stainless steel	Polyethylene foam
Tighten to max 2.5 Nm torque (The tightening torque is 8 on an 18 volts screwdriver).	Tightening torque 7 Nm max (for indication "18" on 18V cordless screwdriver).	To affix on a clean and dry support.
Box of 500 pieces	Box of 50 units	Box of 8 rolls
Ref. IPDVIFIEQC10000	Ref. IPDVISLAMC10000	Ref. IPDBANPROC20000

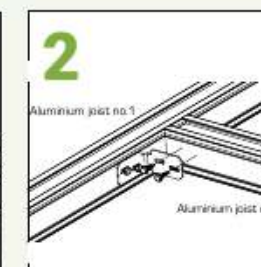


Instructions for use

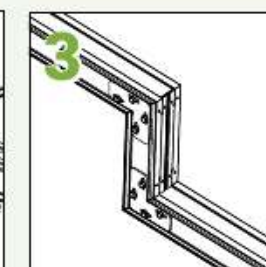
NOTE: for a private project:
Joist - Height 55 mm:
The recommended spacing distance for riser pedestals is 80 cm.
Joist - Height 27 mm:
The recommended spacing distance for riser pedestals is 48 cm.



Position the adapter on the riser pedestal (Note: position a riser pedestal under every joist joint).



Join joist sections using horizontal junction angle bracket.



Join joist sections using vertical junction angle bracket to create steps.



Lay the anti-condensation tape.

FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



PRODUCTS Compatibility

'ESSENTIAL' PAVING RISER PEDESTAL RANGE

REFERENCES	STANDARD RISER								SELF LEVELLING RISER				
	PLOGOM	HD 8/20	HD 20/30	HD 20/40	HD 40/60	HD 50/80	HD 80/140	HD 140/230	HA 29/39	HA 55/75	HA 65/95	HA 95/155	HA 155/245
10 mm extension 4 max.	✗	✗	30/70 mm	30/70 mm	50/100 mm	60/120 mm	90/180 mm	150/270 mm	39/79 mm	65/115 mm	75/125 mm	105/195 mm	165/285 mm
25 mm extension 1 max.	✗	✗	✗	✗	65/85 mm	75/105 mm	105/165 mm	165/255 mm	✗	✗	✗	✗	✗
60 mm extension 4 max.	✗	✗	✗	✗	✗	110/320 mm	140/380 mm	200/470 mm	✗	✗	125/335 mm	155/395 mm	215/485 mm
Side finishing plate (1/riser) 13 mm height	✗	✗	From 27 mm	40/53 mm	53/73 mm	63/93 mm	93/153 mm	153/243 mm	✗	✗	✗	✗	✗
Lateral riser support 1 or 2/riser	✗	✗	✓	✓	To be used with the side finishing plate				✗	✗	✗	✗	✗
Slope corrector 4 max.	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Acoustic rubber cushion	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

All accessories are compatible with each other.

CLEMAN® PAVING RISER PEDESTAL RANGE

	DNC 28/40	DNC 40/55	DNC 55/80	DNC 80/130	DNC 130/230	ANC 40/55	ANC 55/80	ANC 80/130	ANC 130/230
Cleman® 10 mm extension 4 max.	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cleman® 60 mm extension 4 max.	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cleman® isolation pad for extra grip	+	+	+	+	+	+	+	+	+
Cleman® side finishing plate	✗	✓	✓	✓	✓	✓	✓	✓	✓
Insulation mat	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ compatible ✗ not compatible X mm height adjustment + included ✕ not included

CLIP-ON FINISHING PROFILES

MEASURING THE AVAILABLE HEIGHT UNDER THE SIDE FINISHING PLATE

WITH RISER PEDESTAL	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	110 mm	120 mm	130 mm	140 mm	150 mm
			70								
				100							
									140		

WITH PROFILDECK®	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	110 mm	120 mm	130 mm	140 mm	150 mm
			70								
				100							
									140		

'ESSENTIAL' DECKING RISER PEDESTAL RANGE

REFERENCES	STANDARD RISER								ELEVO® 95 MM
	HL8/20	HL 10	HL 20/30	HL 20/40	HL 40/60	HL 50/80	HL 80/140	HL 140/230	ELEVO®
10 mm extension 1 max.	✗	✗	30/40 mm	30/40 mm	50/70 mm	60/90 mm	90/150 mm	150/240 mm	53/148 mm
60 mm extension 4 max.	✗	✗	✗	✗	✗	110/320 mm	140/380 mm	200/470 mm	103/378 mm
Slope corrector 4 max.	✗	✗	✗	✗	✓	✓	✓	✓	✗
Lateral riser support 1 or 2 / pedestal	✗	✗	✗	✗	✓	✓	✓	✓	✗

EASIO® RISER PEDESTAL RANGE

	40/55	55/80	80/140	140/230
Easio® 10 mm extension 4 max.	✓	✓	✓	✓
Easio® 10 mm extension 4 max.	✓	✓	✓	✓
Easio® edge finishing piece	✓	✓	✓	✓
Driver bit	✓	✓	✓	✓
Insulation mat	✓	✓	✓	✓

Please note: French standard the height beneath wood decking substructures to 300 mm.

PROFILDECK®

	PROFILDECK H55	PROFILDECK H27
Adapter	✓	✓
Horizontal junction bracket H55	✓	✗
Horizontal junction bracket H27	✓	✓
Vertical junction bracket	✓	✗
Edge finishing T-piece and lateral riser support	✓	✗
Profildeck® spacer	✓	✓
Profildeck® Anti-condensation tape	✓	✓
Profildeck® Rubber tape	✓	✓
Tile edging piece	✓	✓
Securing clip	✓	✓

	PROFILDECK H55	PROFILDECK H27
Standard paving riser pedestal	✓ except 8/20 mm	✓ except 8/20 mm
Self-levelling paving riser pedestal	✓	✓
PLOGOM®	✗	✗
HD 10 mm extension	✓	✓
HL 10 mm extension	✓	✓
HR 25 mm extension	✓	✓
Plot lambourde	✓	✓
Appui lambourde	✗	✗
Easio® Decking riser pedestal	✗	✗
Elevo® Decking riser pedestal	✓	✓
Cleman® Standard paving riser pedestal	✗	✗
Cleman® Self-levelling paving riser pedestal	✗	✗

* To be used with the 8/20 mm decking riser only where a very low height is required.

CALCULATE THE NUMBER OF RISERS YOU NEED PER M²

PAVING TERRACE

SIZE	INSTALLATION TYPE	20 m ²	40 m ²	60 m ²	80 m ²	100 m ²	200 m ²	1 000 m ²
40 x 40 cm	1 riser pedestal / corner	7.8	7.2	6.9	6.8	6.8	6.6	6.5
45 x 45 cm	1 riser pedestal / corner	6.4	6	6	5.7	5.7	5.5	5.2
50 x 50 cm	1 riser pedestal / corner	5	4.7	4.6	4.5	4.4	4.3	4.1
60 x 60 cm	1 riser pedestal / corner	4	3.6	3.3	3.2	3.2	3.1	2.9
75 x 75 cm	1 riser pedestal / corner + 1 / side	7.8	7.2	6.8	6.5	6.3	6	5.7
80 x 80 cm	1 riser pedestal / corner + 1 / side	7.5	7	6.4	6.1	5.8	5.6	5.2
90 x 90 cm	1 riser pedestal / corner + 1 / side	6.2	5.7	5.2	5	4.8	4.4	4.2
30 x 90 cm	1 riser pedestal / corner + 1 / length	9.8	9.6	9.3	9	8.8	8.3	7.8
45 x 90 cm	1 riser pedestal / corner + 1 / length	6.4	6	6	5.7	5.7	5.5	5.2
60 x 90 cm	1 riser pedestal / corner + 1 / length	5.3	5.1	4.8	4.4	4.3	4.1	3.9
50 x 80 cm	1 riser pedestal / corner + 1 / length	6.3	6	6	5.7	5.5	5.5	5.3
50 x 100 cm*	1 riser pedestal / corner + 1 / length	5	4.7	4.6	4.5	4.4	4.3	4.1
100 x 100 cm*	1 riser pedestal / corner + 1 / side	4.9	4.6	4.4	4	3.8	3.6	3.2
20 x 120 cm**	1 riser pedestal / corner + 1 / length	11.3	9.2	8.6	8.6	8.6	8.3	7.9
30 x 120 cm*	1 riser pedestal / corner + 1 / length	7.5	6.8	6.3	6.3	6.3	6.1	5.8
40 x 120 cm*	1 riser pedestal / corner + 1 / length	6.3	5.8	5.4	5.2	4.9	4.7	4.5
60 x 120 cm*	1 riser pedestal / corner + 1 / length	4	3.6	3.3	3.2	3.2	3.1	2.9
120 x 120 cm*	1 riser pedestal / corner + 1 / side	3.6	3.4	3.1	2.8	2.8	2.6	2.3

*For these formats, we recommend the use of a Profildeck® aluminium framed structure. Ask us about quantities.

**Can only be laid on paving riser pedestals with a height greater than 40 mm. For lower heights, laying on paving riser pedestals is not compatible, use Profildeck®.

Product environment information for construction of paved terraces

FRENCH CERAMIC/PORCELAIN PAVING CLASSIFICATION:

- T7 for private terraces, where riser pedestal height is ≤ 0.15 m.
- T11 for shared or public terraces, and for private terraces where the riser pedestal height is > 0.15 m.
- F+ for ceramic tile surfaces laid on riser pedestals.

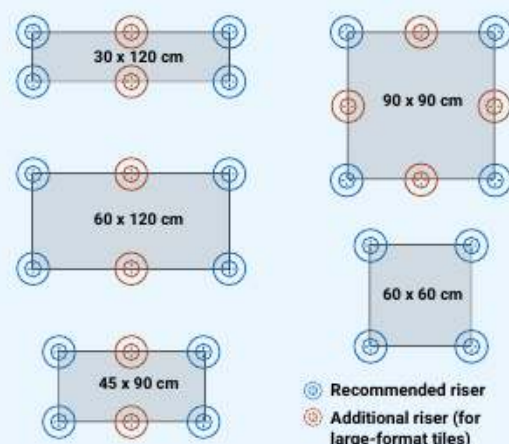


PAVER LAYOUT REQUIREMENTS*

Before starting work, it's important - essential even - to prepare a joint layout plan clearly showing: the direction of laying, the cuts, the number of accessories (riser pedestals.), side finishes.

DIRECTION OF LAYING

In terms of appearance, it is better to ensure that cut paving is adjacent to the wall (full paving tiles away from walls).



POSITIONING OF THE PEDESTALS

NEW CONFIGURATOR CREATE A SIMULATION OF YOUR DECK CALCULATE THE NUMBER OF PEDESTALS REQUIRED



WOODEN DECK

DECKING BOARD TYPE	INSTALLATION TYPE	20 m ²	40 m ²	60 m ²	80 m ²	100 m ²	200 m ²	1 000 m ²
Wooden decking board	Distance between decking joists: 50 cm 1 riser pedestal / 70 cm under decking joist	4.1	3.9	3.7	3.5	3.4	3.2	3
	Distance between decking joists: 50 cm 1 riser pedestal / 50 cm under decking joist	5	4.7	4.6	4.5	4.4	4.3	4.1
Composite board	Distance between decking joists: 40 cm 1 riser pedestal / 70 cm under decking joist	4.6	4.6	4.4	4.2	4.1	3.9	3.8
	Distance between decking joists: 40 cm 1 riser pedestal / 50 cm under decking joist	6.1	5.8	5.6	5.5	5.5	5.3	5.2

CAUTION The subframes of terraces supported using riser pedestals must be constructed using wooden or aluminium joists, NOT COMPOSITE JOISTS.

Product environment information when laying wooden decking

RECOMMENDED BEST PRACTICES FOR WOOD DECKING INSTALLATION.

- Decking boards should never be laid directly on the ground, but on joists separated from the ground using wedges (centre-to-centre distance* 50 cm maximum).
- On natural terrain, the structure must be constructed on previously prepared ground. We strongly recommend the use of a geotextile membrane.
- Apply protection tape between the joist and decking boards.
- Decking boards must be fixed in place using countersunk stainless steel screws (minimum A2 grade).
- Pre-drilling is highly recommended.



REQUIREMENTS FOR CONSTRUCTING WOODEN SUBFRAMES

ENSURE A GAP BETWEEN WOODEN DECKING AND THE GROUND

- Always leave a gap between the timber and the ground.
- Use shims or risers to lift the frame off the ground.
- Construct a cross-braced wooden frame whenever possible.
- Fitting braces* between the joists strengthens the structure and gives it greater stability.

DIRECTION OF INSTALLATION

Before starting work, it is important to prepare an installation or layout plan*, which should include:

- Cutting lists and plans.
- A decking board laying plan with/without centre-to-centre* distances between decking boards.
- The direction in which the decking boards will be laid.

For reasons of appearance and safety, decking boards should be laid parallel to the wall that contains the doorway providing access to the terrace.

CHOOSE YOUR DECKING BOARDS CAREFULLY

Decking board quality

Buying poor quality decking boards can compromise the finished project. Reject twisted or damaged decking boards and those with irregular grain.

Decking board moisture content

Ensure that the decking boards you choose have been dried in accordance with the specification applying to that type of wood.

AD: The Air Drying technique is used for naturally stable wooden (e.g. IPE hardwood decking).

KD: The Kiln Drying technique is used for wooden that requires a more carefully controlled drying environment.

Board slenderness ratio

The slenderness coefficient is calculated as the ratio between the width (w) of the joist and its depth (d), i.e. $w \div d$. The higher the slenderness coefficient, the greater the risk of the joist warping*. We therefore recommend a slenderness coefficient of between 4 and 6, depending on the type of timber used. Check with your retailer before finalising your choice of decking board.

IMPORTANT Always check with your timber supplier.

*Glossary

LAYOUT PLAN

Drawing up a layout plan can be very helpful, because it allows you to see how the various elements of the project work together and interact. For example, it will clearly show how the tile layout looks in terms of colour and orientation, as well as the quantities of each component required.

SLENDERNES

The ratio between decking board thickness and width.

CENTRE-TO-CENTRE DISTANCE

The centre-to-centre distance is the distance between the centrelines of components within an assembly, or between assemblies (e.g. the centre-to-centre distance between joists).

BRACE

A length of wooden inserted between joists to strengthen the frame.

EXTERIOR WOODEN DECKING

Exterior floor surface consisting of decking boards secured to joists fixed to sub-frames sitting on stabilised foundations (riser pedestals, wedges beams, etc.).

- This document does not constitute a commitment and has no contractual value. Quantities are shown purely for guidance.
- Always follow paving manufacturer recommendations to ensure the suitability of paving products for use with riser pedestals and the number of risers per m² to use.
- Qualification of compulsory "SELF-SUPPORTING" slabs, of class T7, T11 according to standard EN 1339:2004-02.

Solutions for garden landscaping

The Jouplast® range goes beyond simply creating terraces on pedestals: it is part of a comprehensive vision of outdoor design.

We offer solutions designed to create a modern landscaped garden with ease, without major earthworks or heavy machinery.

Thanks to ingenious and easy-to-use products, you can create the harmony you desire while respecting the environment.

The aim is to enhance your outdoor spaces with sustainable, attractive and responsible solutions.

DEFINING LANDSCAPE SPACES p. 50

CREATING GARDEN STEPS p. 52



FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



Create your flower garden in the blink of an eye with Delima® landscape edging that adapts to any shape. Sloping ground? An above-ground swimming pool? With Modulesca® modular steps, you can easily access all areas of your garden.

Delima®

LAWN EDGING STRIP FOR DEFINING LANDSCAPE SPACES

Heavy duty, flexible lawn edging allows you to easily create perfect lines or gentle curves between your flowerbeds, lawn, gravel and paving. Strong enough to be used to retain concrete or cold mixed asphalt.



KEY FEATURES



Unique design allows the creation of perfect straight lines or gentle curves.



Blends with the environment, 2 colours: green or grey.



Use in curves or straight lines.



Invisible joining system.



Quick and easy installation with integrated anchoring, assembly and locking system.

8

anchoring stakes provided.



Easy transport: packed in lengths of 1.20 m.



Easily cut to length.



Safe; flexible material, can be used in playgrounds.

10 YEARS

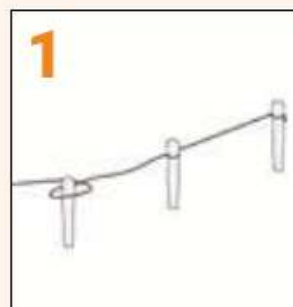
DELIMA®

Flexible lawn edging strip

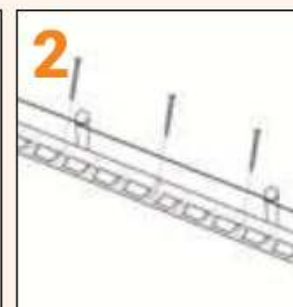
- Use in curves or straight lines.
- Anchoring stake included.

DELIMA® BORDER	ANCHORING STAKE
Usable: 235 (2 x 117.5 cm) x 8 x 4.5 cm Overall: 240 (2 x 120 cm) x 8 x 4.5 cm	Length: 20 cm
100% recycled polyolefin	100% recycled polypropylene
Anthracite grey / green	Black
Box of 10 pieces de 2.40 m	
Green: Ref. IBORDU45B50000 / Anthracite grey: Ref. IBORDU45B60000	

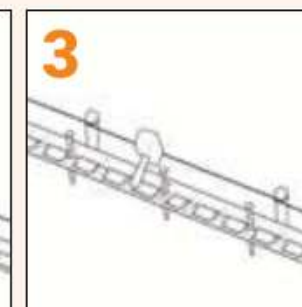
Instructions for use



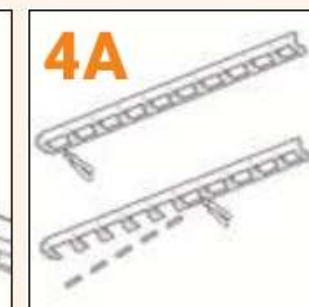
Mark out the shape.



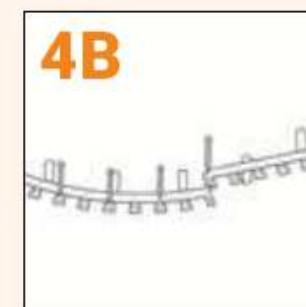
Position the border edging strip.



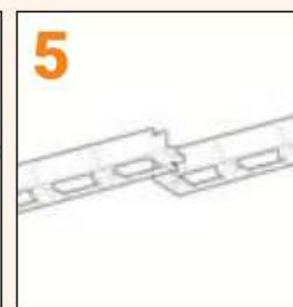
Fix the border edging strip in place.



Create a curve.



Create a curve.



Link border edging strip sections together.

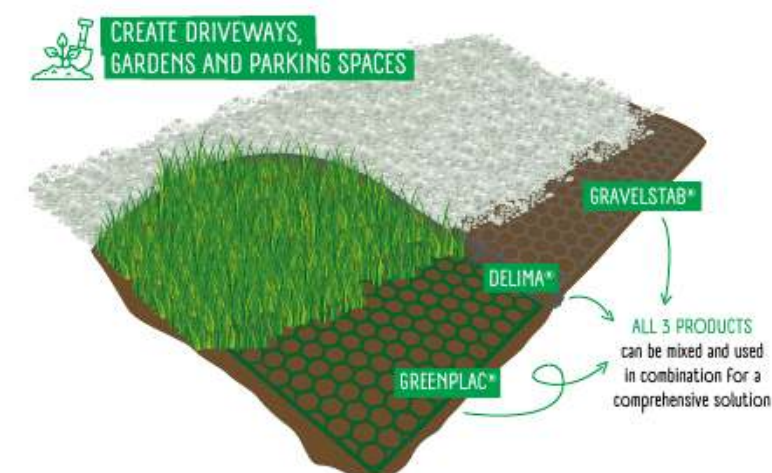


FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



INSTALLATION GUIDE

- Do not use with hot mixed asphalt.
- When installing these edging strips in conjunction with Gravelstab® and Greenplac®, which require the use of a vibrating compactor to compact the hardcore, we recommend the use of 250 x 8 mm metal stakes to avoid any possibility of vibration near the edging strip moving the plastic anchor stakes.
- Minimum radius for a 90° angle: 120 mm.



Modulesca® THE MODULAR OUTDOOR STEP SYSTEM

The Modulesca® staircase is made up of modules that fit together to create a straight or curved exterior staircase.

Once installed, the staircase can be clad in wood, ceramic or tiled finish.

Creating a staircase in half a day is simple using only 2 tools.



KEY FEATURES



Quick installation:
1/2 day.



Easy installation:
only 2 tools
(screwdriver and level).



Creation of slopes up
to 70%.



Customisable:
wood, ceramic, tiles.



Use 3 axis and 3 forks to
join 2 steps or modules
together for wider steps.



MODULESCA® The modular outdoor step system



93,4 CM STEP	MODULE 20 CM	CONNECTION KIT*	JOIST KIT
The Modulesca® system uses interlinked modules to create straight or curved outdoor steps.	Allows you to create a stair with narrow width or adds 20 cm to the width of the 93.4 cm step.	Axis and forks connection kit allows steps or extensions to be linked together by sides.	Allows wood cladding.
⚡ Quick to install: 1/2 day / Only 2 tools required.		⚡ No additional tools.	⚡ Ready to use.
93.4 x 42.4 x 17 cm	42.4 x 20 x 17 cm	1 kit = 1 axis: 19 x 36 mm 1 fork: 26 x 31 mm	1 joist: 21 x 6 x 4 cm 2 joists: 35 x 6 x 4 cm
100% recycled glass-fibre-reinforced polypropylene			Autoclaved pin - Class 4
Filling volume: 41 litres	Filling volume: 8.8 litres	-	-
Compression strength: > 6,000 kg on the supporting surface.		Shear strength: 750 daN.	-
Per unit	Pallet of 12 steps	Per unit	Box of 18 kits (for 6 assemblies)
Ref. IM100NOP04	Ref. IM100NOP12	Ref. IM020NOP05	Ref. IMKITAFT18
			Ref. IMKITBOI03

CONFIGURATOR
TO CALCULATE THE
NUMBER OF STEPS



FIND OUT MORE
VIDEOS · TECHNICAL SPECIFICATIONS



Instructions for use



Prepare the site by digging out the slope and creating the location for the first step.



Put the first step in place, fill it with gravel or concrete, and continue building each new step on top of the previous step using the spacers and runners.

Note: Use 3 pins and 3 clips in the positions provided to connect two modules/stairs side by side.

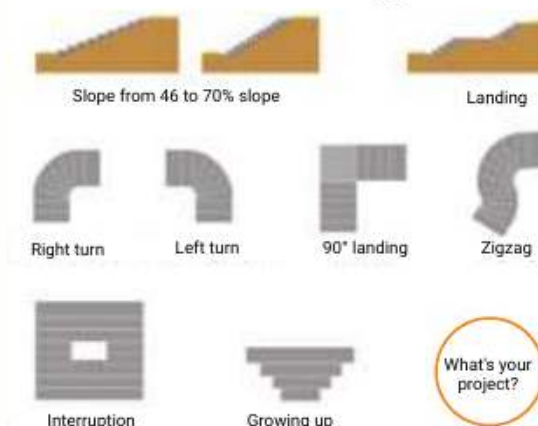


Wooden cladding: insert the joists in the slots provided and fix the deck boards to them.



Paving slab/ceramic tile cladding: fill the steps with aerated or standard concrete and bond the cladding in place using an appropriate adhesive.

Some installation suggestions



Installation guide

- Modulesca® should only ever be installed on stabilised ground.
- Installation where there is no natural slope: Modulesca® can be installed on a frame (vertical legs, risers or inclined wooden or metal spar).
- This type of installation is suitable only for decking where no more than 3 steps are required.

Solutions for paths, driveways and parking spaces

Aware of environmental issues, we favour alternatives to non-draining materials such as concrete and tarmac.

We develop functional products that can be driven on, designed for access roads and car parks, while promoting a more natural integration into the landscape. Our ambition is to reconcile outdoor development with respect for the environment by offering sustainable, aesthetic and responsible alternatives.

GRAVELSTAB® p. 58

URBANIT® RANGE p. 60

URBANGRAVEL® p. 64

GREENPLAC® p. 66



FIND OUT MORE
VIDEOS + TECHNICAL SPECIFICATIONS



Whether in landscaped, urban, private or public settings, it is possible to consolidate ground used for this type of access without the need to use polluting materials.

OUR OFFER FOR permeable tiles for urban areas



CREATE AREAS WITH PAVING BLOCKS

Urbanit®
3 / 6 paving blocks



CREATE AREAS WITH GRAVEL

Urbanit® gravel
stabilisation tile



CREATE AREAS WITH VEGETATION

Urbanit® vegetation
stabilisation tile



Suitable for access by people with reduced mobility.



Meets the required puncture-resistance rating of 80 N/cm² for fire access routes.

Faced with growing environmental challenges, the Climate and Resilience Law* sets an ambitious goal: to achieve Zero Net Land Take (ZAN) by 2050. This approach aims to limit soil sealing, reduce the risk of flooding and combat heat islands in urban areas.

In this context, JOUPLAST® is a committed player, offering innovative solutions for outdoor developments that respect the natural water cycle.

Manufactured in France from 100% recycled materials, the JOUPLAST® range of permeable slabs offers a concrete response to soil permeability requirements. Comprising load-bearing drainage slabs for mineral or plant coverings, this range allows the creation of attractive and functional spaces while promoting rainwater infiltration.

Our solutions are particularly suitable for car parks, access roads, footpaths and driveways, thus meeting the regulatory requirements of the Climate and Resilience Law, in particular the requirement that 50% of public car parks larger than 500 m² must be permeable from July 2023.

By focusing on innovation, sustainability, durability and aesthetics, JOUPLAST® supports local authorities, professionals and individuals in the ecological transition of outdoor spaces.



Which product for your project ?

MATERIALS TYPES	100 % GRAVEL		100% VEGETATION		100% BLOCK PAVING
HEIGHT	4 cm	6 cm	4 cm	6 cm	6 cm
RESISTANCE (WHEN FILLED)	Up to 800 T/m²	Up to 1000 T/m²	Up to 600 T/m²	Up to 1000 T/m²	Equivalent to T5 class for paving block (French standard)
OUR PRODUCTS	Urbangravel®	Urbanit® gravel	Greenplac®	Urbanit® vegetation	Urbanit® paving blocks

100% gravel: Gravelstab® - height 3 cm

MATERIALS TYPES	MIX WITH PAVING BLOCKS / VEGETATION	MIX PAVING BLOCKS / GRAVEL	MIX WITH GRAVEL / VEGETATION		MIX WITH GRAVEL / VEGETATION / PAVING BLOCKS
HEIGHT	6 cm	6 cm	4 cm	6 cm	6 cm
RESISTANCE (WHEN FILLED)	Up to 1000 T/m²	Up to 1000 T/m²	Urbangravel®: Up to 800 T/m² Greenplac®: Up to 600 T/m²	Up to 1000 T/m²	Up to 1000 T/m²
OUR PRODUCTS	Urbanit® paving blocks + Urbanit® vegetation	Urbanit® paving blocks + Urbanit® gravel	Urbangravel® + Greenplac®	Urbanit® gravel + Urbanit® vegetation	Urbanit® paving blocks + Urbanit® gravel + Urbanit® vegetation

KEY FEATURES



Accessible all year round.



Easy to install.



Immediate aspect.



UV and FROST resistant.



Temperature resistance between -30°C and +60°C.



Rainwater infiltration.



Economical.



Reduce the heat island effect.



Aesthetic aspect.



Absorbs expansion.



Ideal for all uses.



Complies with parking space dimensions.



Low maintenance.



Complies with parking dimensions as specified in French Standard NF P 91-100.



Gravel stabilisation mat
with integrated geotextile

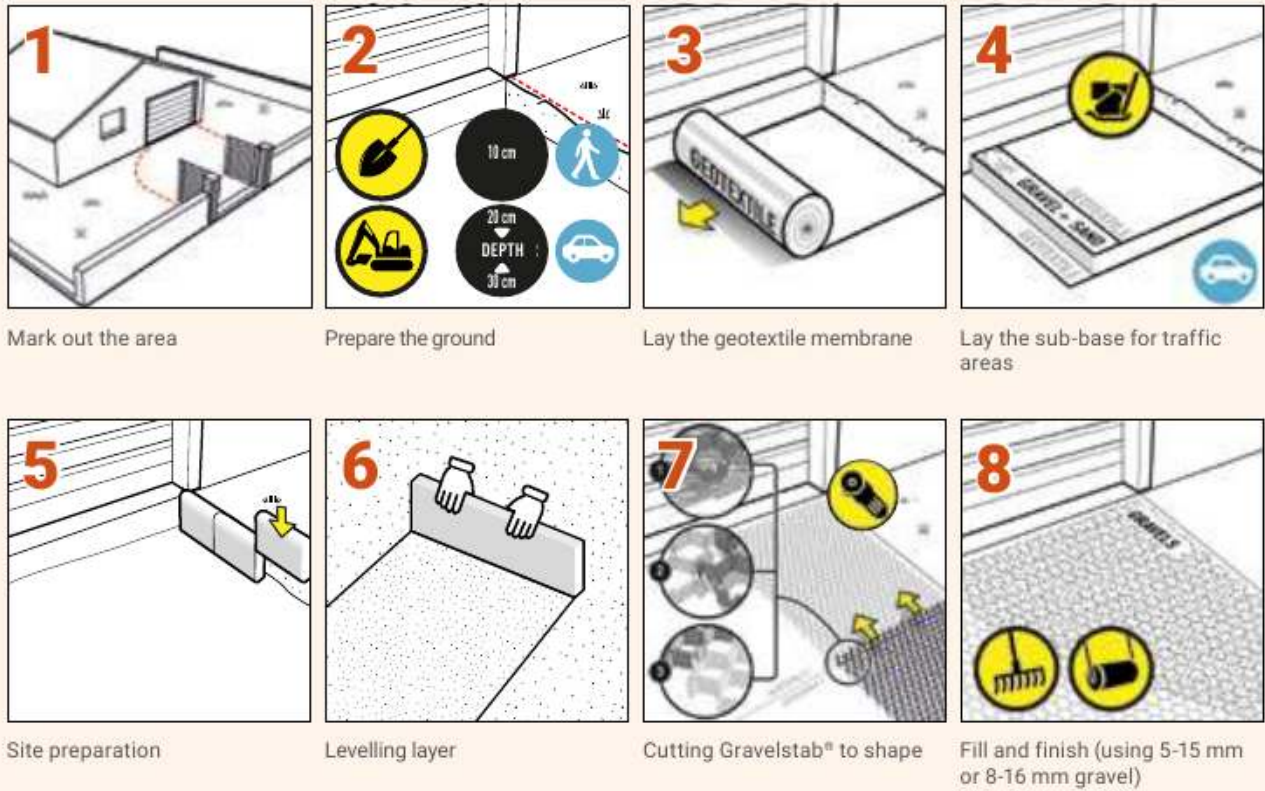
Honeycomb mat with integrated geotextile ensuring the stability of gravel soil.
Gardens / Paths and pedestrian areas / Private parking / Gravel driveways / ...

- Includes a 60 g/m² geotextile membrane permanently bonded to the cells.
- Retains gravel.
- Ensures rapid drainage of rainwater.
- Prevents ruts.
- Suitable for slopes up to 15% for pedestrian use and up to 10% for vehicle access.
- Integrated assembly system prevents mats from separating.
- Easily cut to shape.
- Can be used with Delima® and Greenplac®.

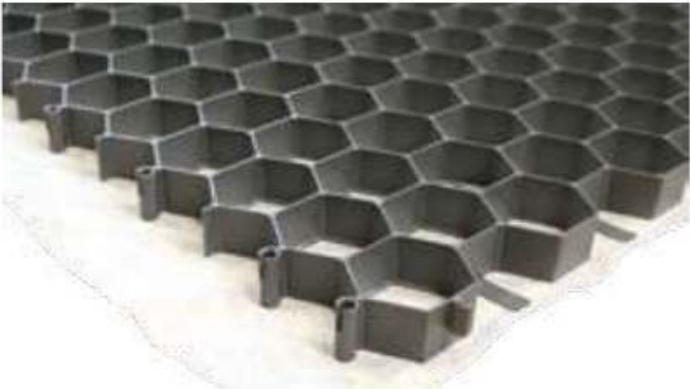
SINGLE – HEIGHT 30 mm	DOUBLE – HEIGHT 30 mm
Usable: 1186 x 793 x 30 mm	Usable: 1186 x 1586 x 30 mm
Wall thickness: +/- 1.2 mm Usable area: 0.9405 m ² / Cell Ø: 51 mm Cell shape: honeycomb Weight/m ² of 1 mat: 1.4886 kg/m ²	Wall thickness: +/- 1.2 mm Usable area: 1.8810 m ² / Cell Ø: 51 mm Cell shape: honeycomb Weight/m ² of 1 mat: 1.4886 kg/m ²
White: Polypropylene / Grey: 100% recycled polypropylene	
Grey or white / The colour may vary according to the raw material supplied	
Resistance (filled): 650 T/m ² remplie / Volume/gravel weight per sqm ² : 42 liters - 63 kg	
Pallet of 42 pieces / Stackable	Pallet of 21 pieces / Stackable
White: Ref. IHGSTAB030GP20000 Grey: Ref. IHGSTAB030GP10000	White: Ref. IHGSTAB030DP20000 Grey: Ref. IHGSTAB030DP10000

Instructions for use

FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



NOTE: To provide the stated load resistance, Gravelstab® cells must be filled with gravel, plus an additional 2 cm top layer (Gravel ranking should be necessary occasionally).





Gravel stabilisation tile without geotextile membrane

URBANIT® gravel tile is made of specific cells to fill with gravel. It enables an ecological draining covering for vehicle spaces. Parking possible immediately after installation.

Designed for moderate use by heavy vehicles / Car parks for light vehicles (carpooling areas, railway station car parks, airport car parks, shopping centre car parks, etc.) for intensive use / Access routes for light vehicles / Access for emergency service (fire engine) / Footpaths / Public parks.

- Where necessary, modules can be driven on before filling to facilitate unloading of gravel.
- Perfect hold of the filling across the entire car park.
- The structure of the module has the capacity to absorb the effects of expansion, which prevents them from lifting.
- Local aggregates may be used depending on availability.
- Interlocking system to ensure maximum stability of adjoining modules.
- No rutting.
- No separation of the modules during installation.
- Optimal stability and lift.
- 100% permeable to rainwater.
- Compatible with URBANIT® paving blocks and URBANIT® vegetation tiles.
- Compatible with zone markers Ref. IURBBOUCBL60000 / IURBBOUCNR70000.

URBANIT® GRAVEL STABILISATION TILE	
Vertical resistance (empty): 90 T/m²	
Vertical resistance (filled): up to 1 000 T/m²	
Usable dimensions: 476 mm x 319 mm x 57 mm	
Usable area: 0.1518 m² (6.5876 tiles per m²)	
Overall dimensions: 480 mm x 322 mm x 57 mm	
Wall thickness: 2.1 mm	
Cell structure: hexagonal (honeycomb)	
Cell Ø: 60 mm (internal)	
Weight per m² of a tile: 6,6 kg/m²	
Gravel filling per square metre: 71 kg/m²	
100% recycled polyolefin	
Colour: Black / White (made to order)	
Pallet of 140 pieces, i.e. 21.252 m² / Full lorry load: 1,105.14 m²	
Ref. IURBANITGRA30000	



Consolidation tile for vegetation

URBANIT® vegetation tile enables the creation of green spaces in urban areas. Designed for areas subject to moderate heavy-vehicles use, the system can be used for fire or emergency access routes.

Car parks for light vehicles / Access routes for light vehicles / Access for emergency service (fire engine) / Pedestrian paths.

- Perfect hold of the filling across the entire car park.
 - The runoff coefficient can be considered zero.
 - Specially designed to absorb the effects of expansion, which prevents them from lifting.
 - Interlocking system to ensure maximum stability of adjoining modules.
 - No separation of the modules during installation.
 - Optimal stability and lift.
 - Compatible with URBANIT® paving blocks and URBANIT® gravel tiles.
 - Compatible with zone markers
- Ref. IURBBOUCBL60000 / IURBBOUCNR70000.

URBANIT® VEGETATION STABILISATION TILE	
Usable dimensions: 476 mm x 319 mm x 57 mm	
Overall dimensions: 480 mm x 322 mm x 57 mm	
Usable area: 0.1518 m² (6.5876 tiles per m²)	
Weight per m² of a tile: 6.12 kg/m²	
Cell Ø: 60 mm (internal) / Wall thickness: 2.1 mm	
100% recycled polyolefine	
Colour: Green	
Vertical resistance (empty): 90 T/m² / Vertical resistance (filled): up to 1,000 T/m²	
Pallet of 140 pieces, i.e. 21.252 m² / Full lorry load: 1,105.14 m²	
Ref. IURBANITVEG40000	



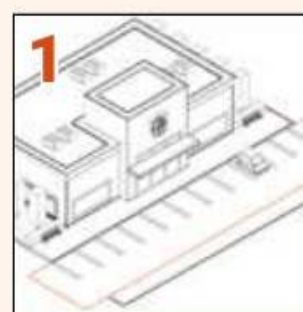
FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



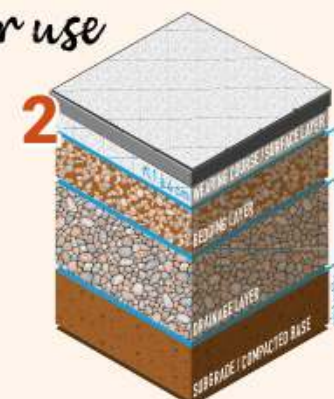
FIND OUT MORE
VIDEOS • TECHNICAL SPECIFICATIONS



Instructions for use

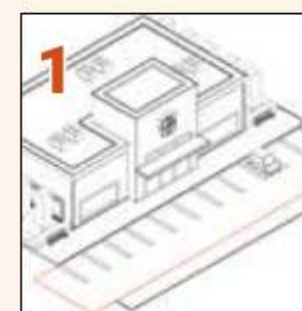


Mark out the area



NOTE: The drainage layer is optional. A drainage layer is recommended where:

- the sub-base is not permeable enough to absorb runoff water.
- the sub-base is prone to rising groundwater.



Mark out the area



This layer can act as a buffer, and should allow access water to drain away. In some situations, drainage can be improved by running pipes through the drainage layer.

Related product to the 2 products



ZONE MARKER	
Creates separation lines or floor signal lines when inserted into the tiles.	
UV and frost resistant.	
Ø 60 mm / Height: 57 mm	
Count 2.2 zone markers per m²	
To be placed into honeycombed cells according to the desired zone to create before filling.	
Weight: 27 g	
Polypropylene (white) / 100% recycled polypropylene (black)	
White / Black	
Box of 30 pieces	
White: Ref. IURBBOUCBL60000	
Black: Ref. IURBBOUCNR70000	

Paving blocks tile



URBANIT® paving blocks tile is easy to install and allows creative layout. Designed for traffic with moderate use of heavy vehicles, the tile allows an immediate parking or driving area once the site is completed.

Car parks for light vehicles for intensive use / Access routes for light vehicles / Pedestrian paths / Public parks, cycle paths / Car parks for residences and condominiums / Access for emergency service (fire engine).

- Quick installation.
- Interlocking system to ensure maximum stability of adjoining modules.
- Customisable visual layout.
- Optimal stability and lift.
- Does not emit any pollutants.
- Optimal, natural drainage of rainwater.
- Reduced environmental impact.
- Compatible with all URBANIT® modules.



URBANIT® 6 PAVING BLOCKS - STRAIGHT LAYING | URBANIT® 6 PAVING BLOCKS - STAGGERED LAYING | URBANIT® 3 PAVING BLOCKS

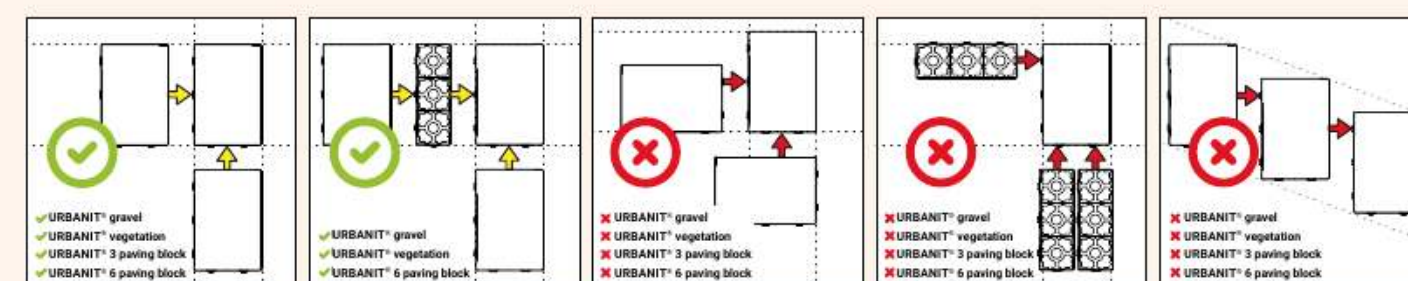
Resistance: equivalent to T5 class for paving block (French standard).

The paving stones used must be at least 6 cm thick to comply with best practice and standard NF P 98-335 (French standard). Our solution, which accommodates 6 cm paving stones, therefore complies with best practice and the NF P 98-335 standard.

Usable dimensions: 476 mm x 319 mm x 57 mm Overall dimensions: 480 mm x 322 mm x 57 mm Width of joint between paving block: 7.5 mm Type of block paving recommended: 15 x 15 cm - Height 6 cm	Usable dimensions: 476 mm x 160 mm x 57 mm Overall dimensions: 480 mm x 164 mm x 57 mm Width of joint between paving block: 7.5 mm Type of block paving recommended: 15 x 15 cm - 6 cm high
Usable area: 0.1518 m ² (6.5876 tiles per 1 m ²)	Usable area: 0.0762 m ² or 13.1233 plates per 1 m ² Useful length: 0.476 m or 2.1008 plates per 1 m
100% recycled polyolefin	
Colour: Black / White (made to order)	
Pallet of 140 pieces (21.252 m ²) / Full lorry load: 1105.104 m ²	Per unit
Ref. IURBANITPAV50000	Ref. IURBANITPAV60000
	Ref. IURBANITPAV20000



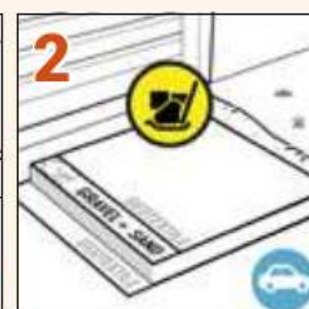
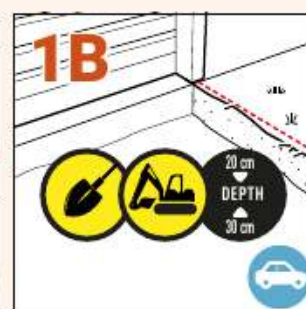
Installation guide



Instructions for use

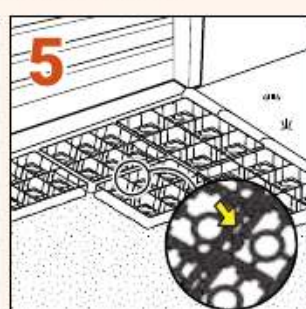
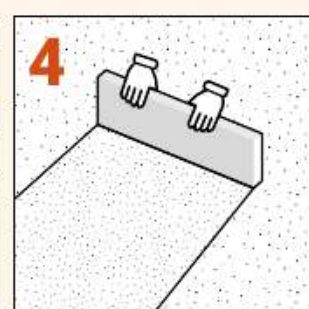
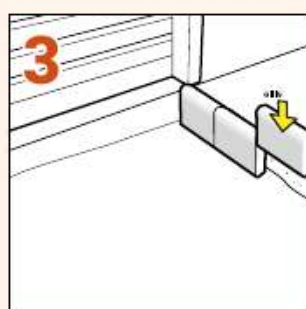
Instructions for private use

- Allow 40 paving blocks per m².
- For 1 m², allow for 6.30 paving blocks.
- Can be installed on slopes up to 2% (Up to 10% on private driveways, provided that a concrete kerb is installed at the bottom).
- Do not use with hot mixed asphalt.



Mark out the area and prepare the soil as required

Creation of the different layers



Structuration of the area

Levelling layer

Lay the URBANIT® modules

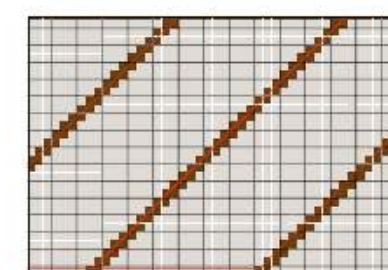
Lay the paving blocks

FIND OUT MORE

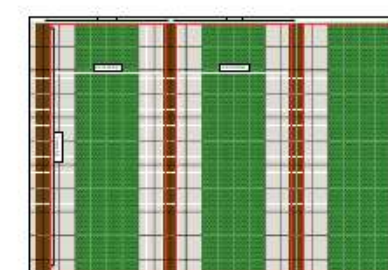
VIDEOS - TECHNICAL SPECIFICATIONS



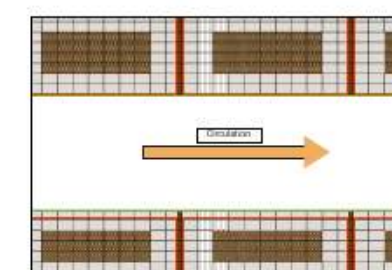
Layout suggestions



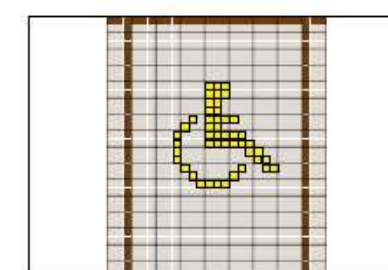
Paving blocks only
Cob parking spaces



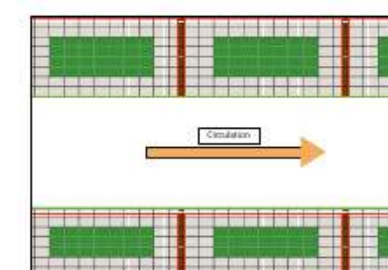
Association vegetation + paving blocks
Battle parking spaces



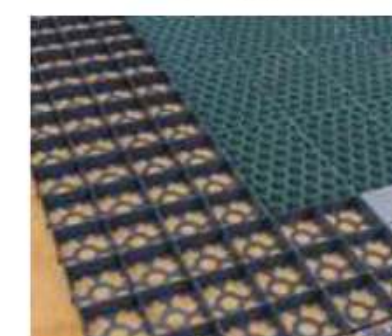
Association gravel + paving blocks
Parallel parking spaces



Paving blocks only with disabled sign
Battle parking spaces



Association paving blocks / vegetation
Parallel parking spaces



NOTE: It is important to check the minimum load-bearing capacity and permeability of the ground. Verify whether the ground is subject to rising groundwater. We recommend carrying out a geotechnical study by a specialist engineering firm to determine these characteristics.



Stabilising tile for gravel without geotextile for urban areas

Honeycombed tile without geotextile designed to consolidate and retain gravel.

For car parks / access roads / heavy traffic areas in industrial or commercial environments.

- Integrated assembly system prevents tiles from separating.
- Suitable for slopes up to 15% in traffic zones.
- Can be used for the passage of vehicles with an axle load of 20 T and access for firefighters.
- Excellent natural rainwater drainage.
- Prevents ruts and erosion.
- No maintenance required.

URBANGRAVEL®	
Usable: 591 x 378 x 40 mm / Overall: 600 x 390 x 40 mm	
Wall thickness: 3 mm / Usable area: 0.2234 m² / Cell structure: hexagonal (honeycomb) / Cell ø: 60 mm / Anchoring pins - qty: 4 / Length: 3 cm	
100% recycled polyethylene	
Colour: Grey / White (made to order)	
Vertical resistance (empty): 112 T/m² (i.e. 3 full lorries. Unfilled, Urbangravel® is suitable for use with 6/4, 6/6, 4/4 and 8/4 trucks and industrial vehicles)	
Vertical resistance (filled): 800 T/m² (i.e. 40 full lorries) / Volume/gravel weight per sqm²: 33 liters - 48 kg	
Pallet of 104 pieces / Tiles pre-assembled in sets of 4 that is, 23.2336 m² per stackable pallet	
Ref.: IURBGRAVEL10000	

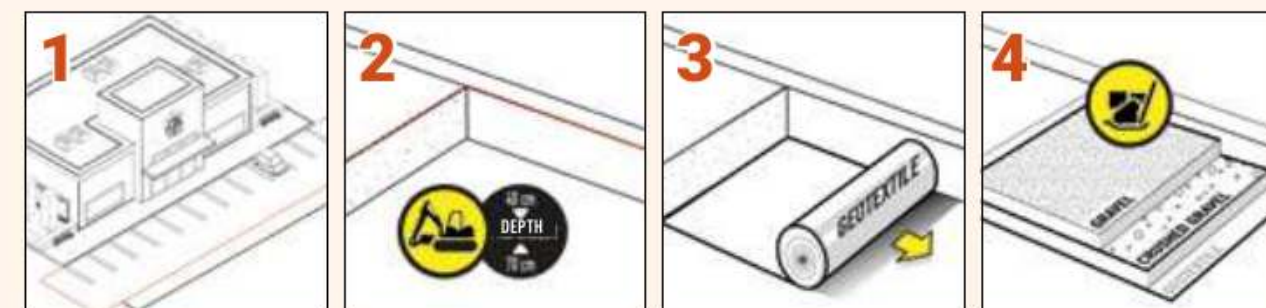
Related product



ZONE MARKER	
Creates separation lines or floor signal lines when inserted into the tiles. Count 2.2 zone markers per m² / To be placed into honeycombed cells according to the desired zone to create before filling.	
UV and frost resistant	
Ø 60 mm / Height: 37 mm / Weight: 19 g	
White	Black
Polypropylene	100% recycled polypropylene
Box of 40 pieces	Box of 40 pieces
White: Ref. IURBBOUCBL40000	Black: Ref. IURBBOUCNR50000



Instructions for use

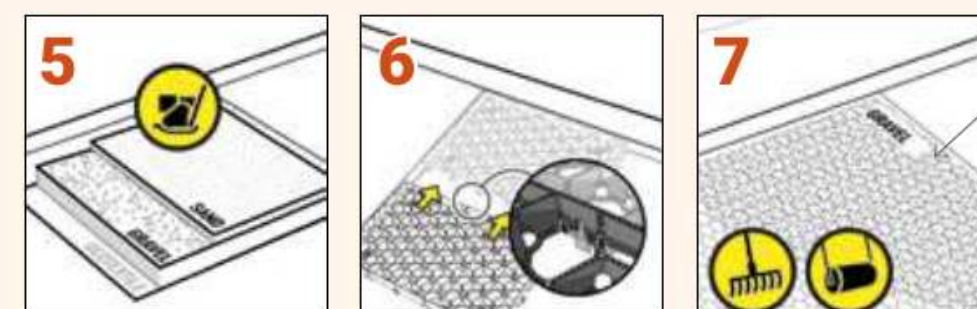


Mark out the area.

Prepare the ground.

Lay the geotextile membrane.

Lay the drainage and the upper sub-base.



Finishing base.

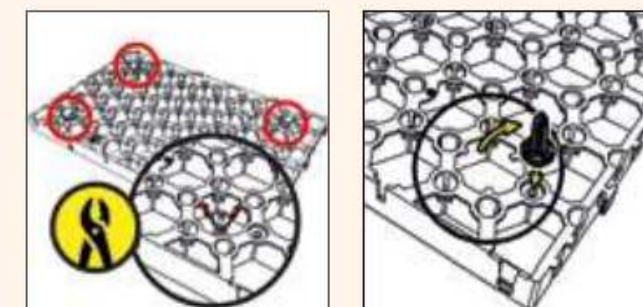
Lay the Urbangravel® modules.

Fill and finish.

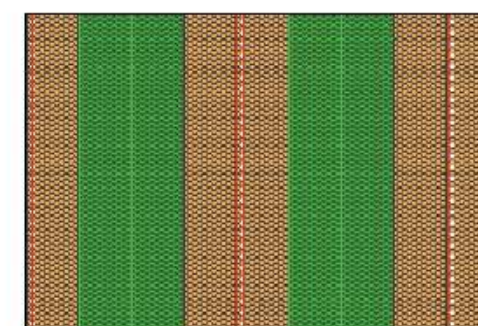
Fill the cells to the top using crushed aggregate graded to between 5 mm (min.) and 10 mm (max.).

WHEN LAYING ON A SLOPE

For installation on a slope, cut out and use the 4 anchoring pins, insert them on the back of the tile.



Layout suggestions



Association gravel + vegetation with URBANGRAVEL® & GREENPLAC®
Battle parking spaces





Grass stabilisation tile for driveways and parking

Honeycombed tiles makes green spaces vehicle friendly by strengthening and protecting the grass without compromising drainage. The honeycomb structure of the cells is designed to encourage dense and uniform lawn growth to completely cover the entire surface of the module.

Car parks / Access routes / Agricultural and equestrian surfaces / ground reinforcement / camping surfaces

- Promotes strong root systems.
- Optimal, natural drainage of rainwater.
- Vehicle friendly.
- Suitable for slopes up to 15% in traffic zones.
- Can be used with Gravelstab®, Delima® and Urbangravel®.
- Integrated anchoring and interlocking system.
- Slip resistant.

GREENPLAC® FOR VEGETATION	
Usable: 591 x 378 x 40 mm / Overall: 600 x 390 x 40 mm	
Wall thickness: 3 mm / Usable area: 0.2234 m² / Cell structure: hexagonal (honeycomb) / Cell ø: 60 mm / Anchoring pins - qty: 4 / Length: 3 cm / Weight/m² of 1 mat: 3.80 kg/m²	
100% recycled polyethylene	
Colour: Green	
Résistance: 600 T/m² with grass	
Pallet of 104 pieces / Tiles pre-assembled in sets of 4 that is 23.2336 m² per stackable pallet	
Ref. IGREENPLACV0000	

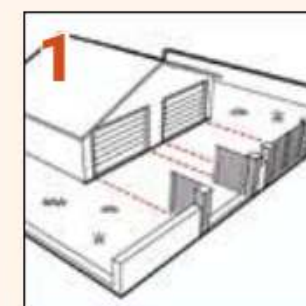
Related product



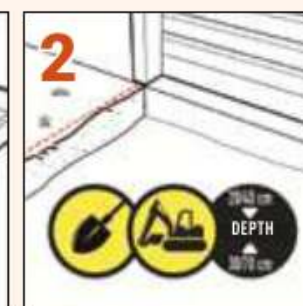
ZONE MARKER	
Creates separation lines or floor signal lines when inserted into the tiles. Count 2.2 zone markers per m² / To be placed into honeycombed cells according to the desired zone to create before filling.	
➤ UV and frost resistant	
Ø 60 mm Height 37 mm / Weight: 19 g	
White	Black
Polypropylene	100% recycled polypropylene
Box of 40 pieces	Box of 40 pieces
Blanc: Ref. IURBBOUCBL40000	Noir: Ref. IURBBOUCNR50000



Instructions for use



Mark out the area.



Prepare the ground in accordance with the IFU of the area concerned.



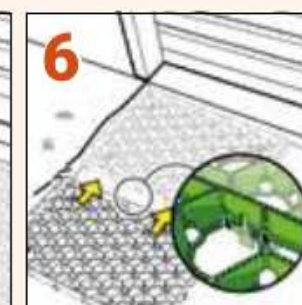
Lay the geotextile membrane and structure the area if necessary.



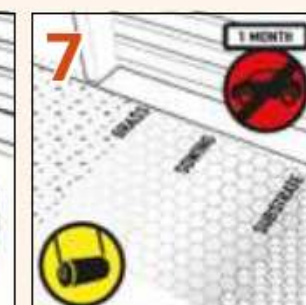
Lay the sub-base in accordance with the IFU of the area concerned.



Apply the surface layer.



Lay the Greenplac® tiles.

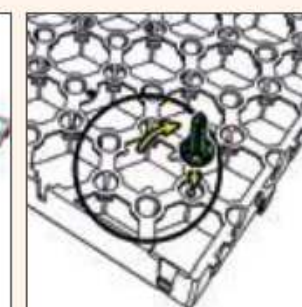
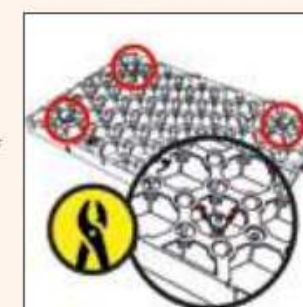


Filling.

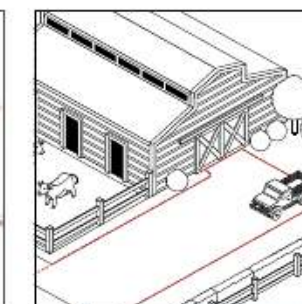
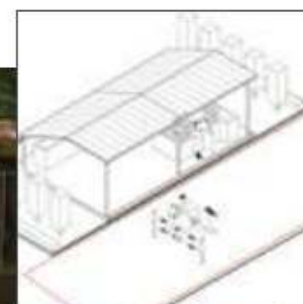
Note: For use in agricultural or equestrian surfaces, please refer to the specific installation guidelines on our website.

WHEN LAYING ON A SLOPE

For installation on a slope, cut out and use the 4 anchoring pins, insert them on the back of the tile.



Equestrian surfaces



Agricultural grounds





Need help?

Any question for your project?
Please feel free to contact our team or use our support tools.



Thanks to our
E-LEARNING
PLATFORM,
you can easily learn
about our range of
JOUPLAST® products!
Sign up.

You can find more information, including product technical information sheets and videos, on our website at www.jouplast.com



Follow us:



TMP CONVERT

546 Route de Bourg
01250 Simandre sur Suran
Tél. 04 74 25 84 84



Contact us

uk.sales@jouplast.com
uk.info@jouplast.com



If you'd like to create a simulation of a patio, staircase or driveway and work out how many products you'll need, simply visit our new configurator at www.jouplast.com



Index

Designation	Article number	Packing	Page
-------------	----------------	---------	------

Solutions for paths, driveways and parking spaces

URBANIT® paving block tile			
Urbanit® 6 paving blocks	IURBANITPAV50000	Pallet of 140 pieces, ie 21.252 m² (stackable)/ Full delivery truck 1,105.104 m² (52 pallets of 140 pieces ie 26 pallets on floor)	62
Urbanit® 3 paving blocks	IURBANITPAV20000	Pallet of 266 pieces ie 20.2696 m² (stackable)	62
Urbanit® 6 paving blocks for staggered installation	IURBANITPAV60000	Pallet of 140 pieces, ie 21.252 m² (stackable)/ Full delivery truck 1,105.104 m² (52 pallets of 140 pieces ie 26 pallets on floor)	62

Urbanit® gravel tile			
Urbanit® gravel tile	URBANITGRA30000	Pallet of 140 pieces, ie 21.252 m² (stackable)/ Full delivery truck 1,105.104 m² (52 pallets of 140 pieces ie 26 pallets on floor)	60
Zone marker - white	IURBBOUCBL60000	Box of 30 pieces	61
Zone market - black	IURBBOUCNR70000	Box of 30 pieces	61

Urbanit® vegetation tile			
Urbanit® vegetation tile	IURBANITVEG40000	Pallet of 140 pieces, ie 21.252 m² (stackable)/ Full delivery truck 1,105.104 m² (52 pallets of 140 pieces ie 26 pallets on floor)	61

Gravelstab®			
Double grey	IHGSTAB030DP10000	Palette mit 21 pieces/stackable	58
Double white	IHGSTAB030DP20000	Palette mit 21 pieces/stackable	58
Single grey	IHGSTAB030GP10000	Palette mit 42 pieces/stackable	58
Single white	IHGSTAB030GP20000	Palette mit 42 pieces/stackable	58
Zone marker - white	IHBOUICALVBS10000	Box of 100 pieces	58
Zone market - grey	IHBOUICALVGS10000	Box of 100 pieces	58

Urbangravel®			
Urbangravel®	IURBGRAVEL10000	Pallet of 104 pieces (stackable) / Tiles are assembled by 4 / 23 2336 m² pro Palette	64
Zone market - black	IURBBOUCNR50000	Box of 40 pieces	64
Zone marker - white	IURBBOUCBL40000	Box of 40 pieces	64

Greenplac®			
Greenplac® grass stabilization tile	IGREENPLACV0000	Pallet of 104 pieces (stackable) / Tiles are assembled by 4 / 23 2336 m² pro Palette	66
Zone market - black	IURBBOUCNR50000	Box of 40 pieces	66
Zone marker - white	IURBBOUCBL40000	Box of 40 pieces	66

Solutions for garden landscaping

Delima®			
Border edge strip - grey	IBORDU45B50000	Box of 10 pieces of 2.40 m	51
Border edge strip - green	IBORDU45B60000	Box of 10 pieces of 2.40 m	51

Modulesca®			
20 cm module - black	IM020NOP06	Per unit	53
93.4 cm step - black	IM100NOP12	Pallet of 12 units	53
93.4 cm step - black	IM100NOP04	Per unit	53
Side connector kit	IMKITAFT18	Box of 18 pieces (6 assemblies)	53
Joist kit	IMKITBOI03	Per unit	53

Solutions for paved terraces

Essential® standard paving risers			
PLOGOM® 10 mm	IH010FIXDC30000	Box of 60 pieces	10
PLOGOM® 10 mm	IH010FIXDGG20000	Box of 5 bags of 10 pieces	10
8/20 mm	IH008020DG20000	Box of 3 bags of 20 pieces	10
20/30 mm	IH020030DC10000	Box of 60 pieces	10
20/30 mm	IH020030DG50000	Box of 6 bags of 12 pieces	10
20/40 mm	IH020040DC10000	Box of 50 pieces	10
40/60 mm	IH040060DS10000	60 pieces / bag	10
40/60 mm	IH040060DF50000	Filmed by 11 pieces	10
50/80 mm	IH050080DS10000	60 pieces / bag	10
50/80 mm	IH050080DF40000	Filmed by 11 pieces	10
80/140 mm	IH080140DS10000	40 pieces / bag	10
80/140 mm	IH080140DF50000	Filmed by 11 pieces	10
140/230 mm	IH140230DS10000	40 pieces / bag	10
140/230 mm	IH140230DF40000	Filmed by 11 pieces	10

Essential® self-levelling paving risers			
29/39 mm	IH029039DSN0000	Box of 60 pieces	10
55/75 mm	IH055075DSN0000	60 pieces / bag	10
65/95 mm	IH065095DSN0000	60 pieces / bag	10
95/155 mm	IH095155DSN0000	40 pieces / bag	10
155/245 mm	IH155245DSN0000	40 pieces / bag	10

Extensions - 'Essential' Range			
10 mm extension	IH010FIXDC40000	Box of 60 pieces	15
25 mm extension	IH025FIXRC10000	Box of 120 pieces	15
60 mm extension	IH060FIXRS10000	60 pieces / bag	15
60 mm extension	IH060FIXRS30000	Box of 5 bags of 8 pieces	15

Cleman® standard paving risers			
28/40 mm	IH028040DNC0000	Box of 20 pieces	12
40/55 mm	IH040055DNC0000	Box of 20 pieces	12
55/80 mm	IH055080DNC0000	Box of 20 pieces	12
80/130 mm	IH080130DNC0000	Box of 20 pieces	12
130/230 mm	IH130230DNC0000	Box of 8 pieces	12

Cleman® self-levelling risers			
40/55 mm	IH040055ANC0000	Box of 20 pieces	12
55/80 mm	IH055080ANC0000	Box of 20 pieces	12
80/130 mm	IH080130ANC0000	Box of 20 pieces	12
130/230 mm	IH130230ANC0000	Box of 8 pieces	12

Related product - Cleman® range			
Adjustment key	IHCLECLDNC10000	per unit	12
Height adjustment bit	IHEMCLELDNC0000	per unit	12
10 mm extension	IH010FIXCLE10000	Box of 20 pieces	12
60 mm extension	IHREHCLEDN0000	Box of 40 pieces	12

Related products - 'Essential' range			
Slope corrector 2.5%	IH025CORPC10000	Box of 40 pieces	15
Acoustic rubber cushion	IH003GOMDC10000	Box of 100 pieces	15
Acoustic rubber cushion	IH003GOMDC30000	Box of 10 bags of 20 pieces	15

Related product - 'Essential' & Cleman® range			
Side finishing plate support kit	IHKITPAD10000	Box of 10 bags of 8 kits	16
Extension for side finishing plate support kit	IHREHKITPAD10000	Box of 30 bags of 8 kits	16
Isolation pad for extra grip	IHCARISOC20000	Box of 30 pieces	16
Isolation pad for extra grip	IHCARISOG20000	Box of 3 bags of 10 pieces	16
Insulation mat	IHTAPISOL10000	Box of 30 pieces	14

Direct laying			
Cross dalle® 3 mm	IH003XDG10000	Box of 5 bags of 48 pieces	14
3 mm spacer - blue	IH003EDGA0000	Box of 5 bags of 80 pieces	14
4 x 3 mm spacers (blue) & 4 x 5 mm spacers (black)	IHMIXECART10000	Box of 10 bags	14

Tools for the terrace			
Slab grab	IHPOSDALDC10000	Per unit	14
Paving lifter	IHPOIGDALDC10000	Box of 10 pieces	14

Profildeck® - aluminium structure for paving terrace			
Adapter	IPDADAPTAC10000	Box of 40 pieces	22
Rubber tape	IPDBANCAOC20000	Box of 4 x 2 rolls	23
Spacer	IPDCROISIC10000	Box of 5 bags of 20 pieces	23
Horizontal junction angle bracket H55	IPDEQASHOC10000	Box of 6 bags of 20 pieces	23
Horizontal junction angle bracket H27	IPDEQASHOC20000	Box of 6 bags of 20 pieces	23
Vertical junction angle bracket	IPDEQASVEC10000	Box of 8 bags of 20 pieces	23
Aluminium joist 2.40 m x H55 mm	IPDPRO2M30000	4 pieces / pack	22
Aluminium joist 2.40 m x H27 mm	IPDPRO2MC40000	4 pieces / pack	22
Edge finishing T-piece	IPDTEFIN1000	Box of 10 pieces	23
Profildeck® screw	IPDVIFIEQC10000	Box of 500 pieces	23
Tile edging piece	IPDARDAC10000	Box of 10 pieces	24
Securing clip	IPDCLIP10000	Bag of 8 pieces	25



Designation	Article number	Packing	Page
Terrace finishing - 'Essential' & CLEMAN® range			
'Essential' Side finishing plate	IHPLADALDC20000	Box of 10 pieces (75 boxes/stackable pallet)	16
Cleman® Side finishing plate	IHPLDALCLEC20000	Box of 10 pieces (80 boxes/stackable pallet)	16
'Essential' lateral riser support	IHSUPHABIC10000	Box of 10 pieces (75 boxes/stackable pallet)	16
'Essential' lateral riser support	IHSUPHABIG10000	Box of 5 bags of 10 pieces	16
Securing clip	IPFINCLIPFIX10000	8 pieces/bag	18

Clip-on finishing profile			
70 mm Chrome	IPFIN70PRO20000	2 pieces/pack	18
70 mm Charcoal Grey	IPFIN70PRO10000	2 pieces/pack	18
70 mm Pearl white	IPFIN70PRO30000	2 pieces/pack	18
100 mm Chrome	IPFIN100PRO20000	2 pieces/pack	18
100 mm Charcoal Grey	IPFIN100PRO10000	2 pieces/pack	18
100 mm Pearl white	IPFIN100PRO30000	2 pieces/pack	18
140 mm Charcoal Grey	IPFIN140PRO10000	2 pieces/pack	18
140 mm Chrome	IPFIN140PRO20000	2 pieces/pack	18
140 mm Pearl white	IPFIN140PRO30000	2 pieces/pack	18

Connector			
70 mm Chrome	IPFIN70JDT20000	Per unit	18
70 mm Charcoal Grey	IPFIN70JDT10000	Per unit	18
70 mm Pearl white	IPFIN70JDT30000	Per unit	18
100 mm Chrome	IPFIN100JDT20000	Per unit	18
100 mm Charcoal Grey	IPFIN100JDT10000	Per unit	18
100 mm Pearl white	IPFIN100JDT30000	Per unit	18
140 mm Charcoal Grey	IPFIN140JDT20000	Per unit	18
140 mm Chrome	IPFIN140JDT10000	Per unit	18
140 mm Pearl white	IPFIN140JDT30000	Per unit	18

Internal corner			
70 mm Chrome	IPFIN70JAR20000	Per unit	18
70 mm Charcoal Grey	IPFIN70JAR10000	Per unit	18
70 mm Pearl white	IPFIN70JAR30000	Per unit	18
100 mm Chrome	IPFIN100JAR20000	Per unit	18
100 mm Charcoal Grey	IPFIN100JAR10000	Per unit	18
100 mm Pearl white	IPFIN100JAR30000	Per unit	18
140 mm Charcoal Grey	IPFIN140JAR20000	Per unit	18
140 mm Chrome	IPFIN140JAR10000	Per unit	18
140 mm Pearl white	IPFIN140JAR30000	Per unit	18

External corner			
70 mm Chrome	IPFIN70JAS20000	Per unit	18
70 mm Charcoal Grey	IPFIN70JAS10000	Per unit	18
70 mm Pearl white	IPFIN70JAS30000	Per unit	18
100 mm Chrome	IPFIN100JAS20000	Per unit	18
100 mm Charcoal Grey	IPFIN100JAS10000	Per unit	18
100 mm Pearl white	IPFIN100JAS30000	Per unit	18
140 mm Charcoal Grey	IPFIN140JAS20000	Per unit	18
140 mm Chrome	IPFIN140JAS10000	Per unit	18
140 mm Pearl white	IPFIN140JAS30000	Per unit	18

Solution for timber and composite decking

Essential® decking riser			
Rubber joist support 90 x 60 x 8mm	IH008GOMLC20000	48 units per pack	30
H8/20 mm	IH008020LG20000	Box of 2 bags of 20 pieces	30
H20/30 mm	IH020030LC20000	Box of 60 pieces	30
H20/40 mm	IH020040LC20000	Box of 50 pieces	30
H40/60 mm	IH040060LS10000	60 pieces / bag	30
H40/60 mm	IH040060LF40000	Filmed by 11 pieces	30
H50/80 mm	IH050080LS10000	60 pieces / bag	30
H50/80 mm	IH050080LF40000	Filmed by 11 pieces	30
H80/140 mm	IH080140LS10000	60 pieces / bag	30
H80/140 mm	IH080140LF40000	Filmed by 11 pieces	30
H140/230 mm	IH140230LS10000	60 pieces / bag	30
H140/230 mm	IH140230LF40000	Filmed by 11 pieces	30

Easio® self-levelling decking riser			
40/55 mm	IH040055LCE0000	Box of 20 pieces	32
55/80 mm	IH055080LCE0000	Box of 16 pieces	32
80/130 mm	IH080130LCE0000	Box of 12 pieces	32
130/230 mm	IH130230LCE0000	Box of 8 pieces	32

Elevo® decking riser for fence support spike			
Elevo® for fence support spike	IHLVO140LG10000	Box of 3 bags of 10 pieces	34



Decking finishing			
'ESSENTIAL' lateral riser support	IHSUPHABIC10000	Box of 10 pieces	30
'ESSENTIAL' lateral riser support	IHSUPHABIG20000	Box of 5 bags of 10 pieces	30
Easio® edge finishing piece	IHSUPHABIC20000	Box of 10 pieces	33

Related product - 'Essential' Range			
60 mm extension	IH060FIXRS10000	Sac de 60 pieces	30
60 mm extension	IH060FIXRS50000	Box of 5 bags of 8 pieces	30
Slope corrector 2.5%	IH025CORPC10000	Box of 40 pieces	30
10 mm extension / riser	IH010FIXLC20000	Box of 60 pieces	30

Related product - Easio® Range			
10 mm extension	IH010FIXCLE10000	Box of 20 pieces	33
60 mm extension	IHREHCLEDN0000	Box of 40 pieces	33
Height adjustment bit	IHEMCLELDNC0000	Per unit	32

Decking protection			
Decking cover tape	IH080BDPLC200000	Box of 8 rolls	35
Bituminous decking cover tape	IH080BDPLC30000	Box of 8 rolls	35

Spacers			
3 mm spacer - blue	IH003EDGA0000	Box of 5 bags of 80 pieces	35
4 x 3 mm spacers (blue) & 4 x 5 mm spacers (black)	IHMIXECART10000	Box of 10 sachets mixtes	35

Invisible screw			
Fixego® for decking board - Thickness 19-25 mm	IH021FLTLC10000	Per bucket = 4m² / 64 fixation tabs + 200 screws 6 x 25 + 20 cleats + 24 screws 4 x 25 + 4 spacers	36
Fixego® for decking board - Thickness > 25 mm	IH028FLTLC10000	Per bucket = 4m² / 64 fixation tabs + 200 screws 6 x 30 + 20 cleats + 24 screws 4 x 25 + 4 spacers	36
Fixego® Cleat	IH020TAQCX10000	Box of 10 pieces + 24 screws (4 x 25)	36

Construction wedges			
Divisible plastic shims 2, 3 and 5 mm	IHMIX025CG10000	Box of 12 bags of 300 pieces (3 x 25 pieces, divisible in 4)	38
Divisible plastic shims 2, 3 and 5 mm	IHMIX100CB10000	Mix bucket of 1200 pieces (3 x 100 pieces, divisible in 4)	38
Divisible plastic shims 2 mm (green)	IH002CRGA0000	Box of 10 bags of 160 pieces (40 pieces, divisible in 4)	38
Divisible plastic shims 3 mm (blue)	IH003CRGA0000	Box of 10 bags of 160 pieces (40 pieces, divisible in 4)	38
Divisible plastic shims 5 mm (black)	IH005CRGA10000	Box of 10 bags of 160 pieces (40 pieces, divisible in 4)	38
Ridged wedges 90 mm	IH090CALEB10000	100 pieces / bucket	38
Ridged wedges 90 mm	IH090CALEG10000	Box of 8 bags of 30 pieces	38
Ridged wedges 170 mm	IH170CALEB10000	50 pieces / bucket	38
Ridged wedges 170 mm	IH170CALEG10000	Box of 12 bags of 25 pieces	38
Ridged wedges 90 and 170 mm	IHMIXCALEB10000	Mix bucket: H90 x 50 + H170 x 30	38
Fork shims 1, 2, 3 and 5 mm	IHMIXCALFOU10000	Mix bucket: 4 x 100 wedges	38

Profildeck® - aluminium structure for decking			
Adapter	IPDADAPTAC10000	Box of 40 pieces	42
Anti-condensation tape	IPDBANPROC20000	Box of 8 rolls	43
Horizontal junction angle bracket H55	IPDEQASHOC10000	Box of 6 bags of 20 pieces	43
Horizontal junction angle bracket H27 & finishing H55	IPDEQASHOC20000	Box of 6 bags of 20 pieces	43
Vertical junction angle bracket	IPDEQASVEC10000	Box of 8 bags of 20 pieces	43
Aluminium joist 2.40m x H55 mm	IPDPRO2MC30000	4 pieces / pack	42
Aluminium joist 2.40 m x H27 mm	IPDPRO2MC40000	4 pieces / pack	42
Profildeck® screw	IPDVIFIEQC10000	Box of 500 units	43
Decking board screw	IPDVISLAMC10000	Box of 50 pieces	43



Jouplast®

10 GUARANTEE
YEARS



www.jouplast.com

bimobject



Copyright Notice
This document is protected by copyright. Any reproduction, copying, extraction, reuse, adaptation, publication, translation, or distribution, in whole or in part, without the written authorisation of TMP CONVERT is strictly prohibited and constitutes an infringement.
TMP CONVERT reserves the right to modify or remove information at any time without prior notice.
The visuals and technical data provided are non-contractual and shown for illustration purposes only.