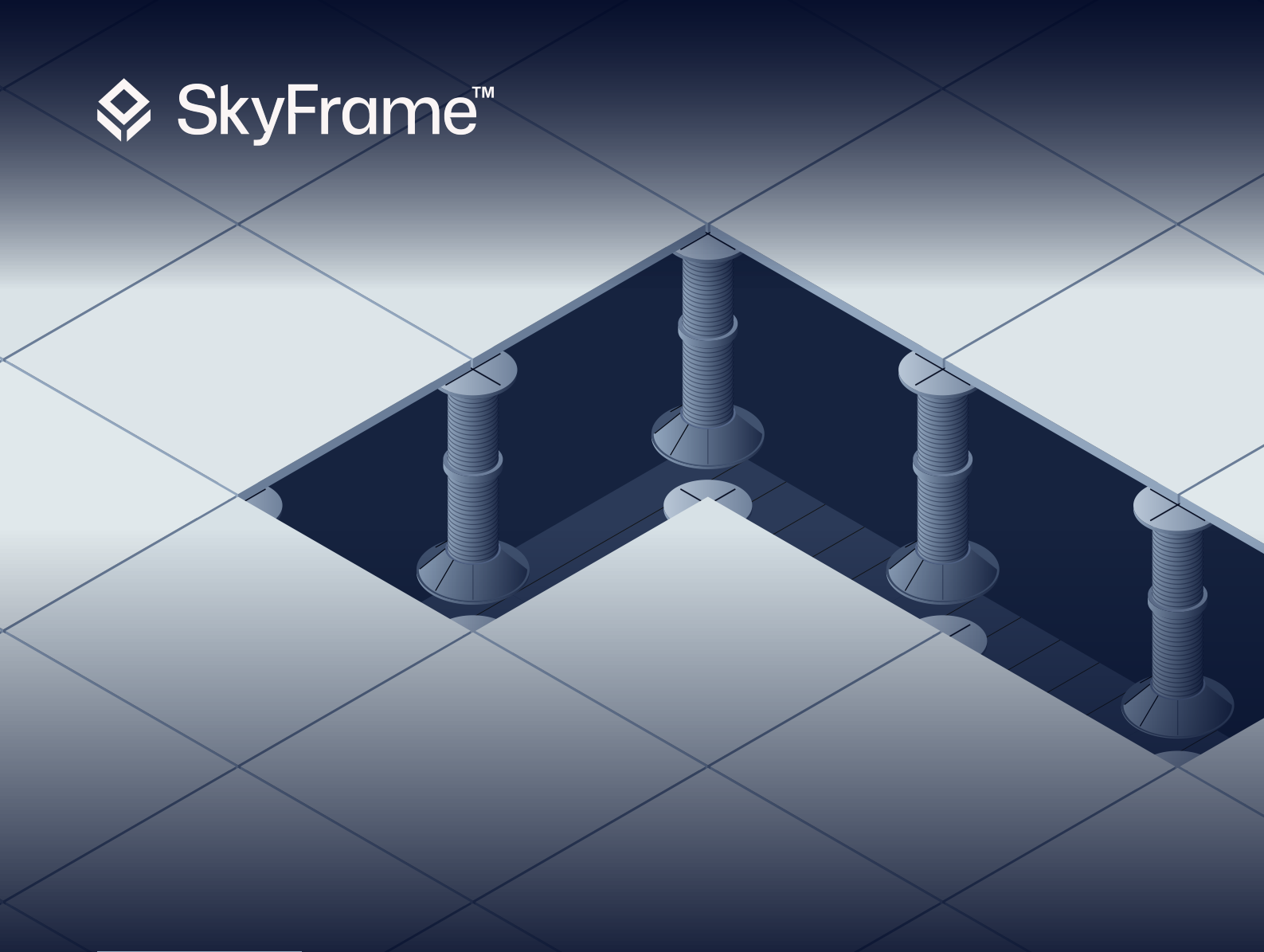




TECHNICAL DATA SHEET

SkyFrame Pedestal System

Height-adjustable pedestal supports for raised paving,
decking and podium floors – 37 mm to 1014 mm.

01 SKYFRAME PEDESTAL 02 SKYFRAME BRACE 03 WALL SPACER

04 VARIABLE ANGLE SPACER TAB 05 FRAME E-SUPPORT



01 SKYFRAME PEDESTAL

Precise Levelling for Every Floor

With SkyFrame pedestals, all types of flooring can be precisely levelled.

The SkyFrame Pedestal is a heavy-duty pedestal support system that can be adjusted in both height and inclination. The height range runs from 37 mm to 1014 mm – and the full 1014 mm can be reached using only three extensions.

37-1014 mm HEIGHT RANGE	>1500 kg PRESSURE LOAD
0-5 % SLOPE CORRECTION	205 mm BASE DIAMETER

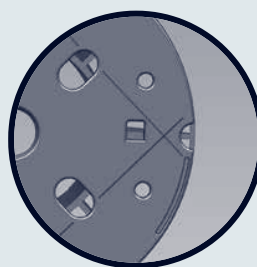
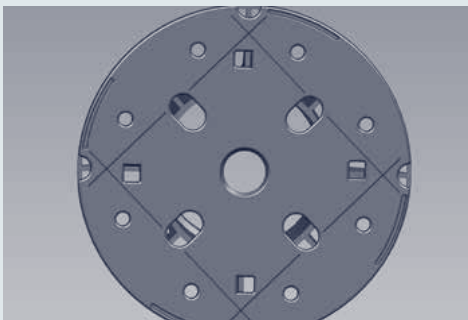


Level, open-jointed finish on a raised floor



Free void beneath for services and drainage

CUT MARKINGS ON BASE SECTION



The base section of the pedestal support can be shortened along the cutting mark – allowing pedestals to sit tight against walls, upstands and edges.

Technical Data

SKYFRAME PEDESTAL

Material	PP, recycled
Adjustment range	37 mm - 1014 mm
Compressive strength	>15 kN - 19 kN
Slope corrector – top	0-5% in 1% steps
Slope corrector – base	0-5% stepless
Diameter – base	205 mm
Diameter – top	155 mm
Spacer tabs – post height	12 mm* / 15 mm**
Spacer tabs – post width	2* / 3** / 4* / 5* / 6** / 8** / 10* mm
Biological & chemical resistance	Resistant to mould, alkali and bitumen

* post height 12 mm · ** post height 15 mm

Advantages



Simple, stepless height adjustment



High pressure load
>1500 kg



Large base area on the
foot section



Top slope correction 0-
5%



Reduces efflorescence



Optimal drainage and
ventilation



Easy, quick access to
the roof membrane

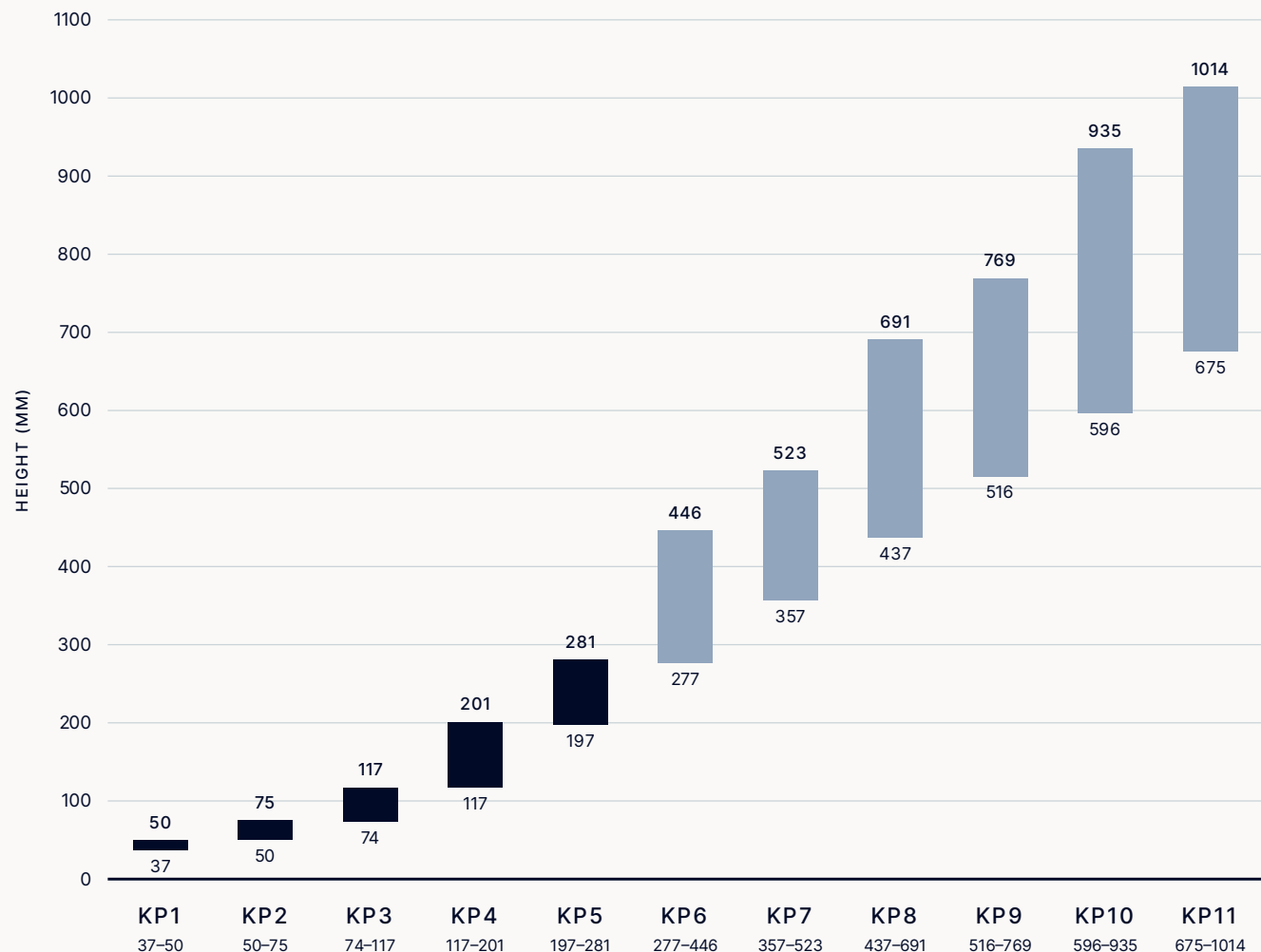
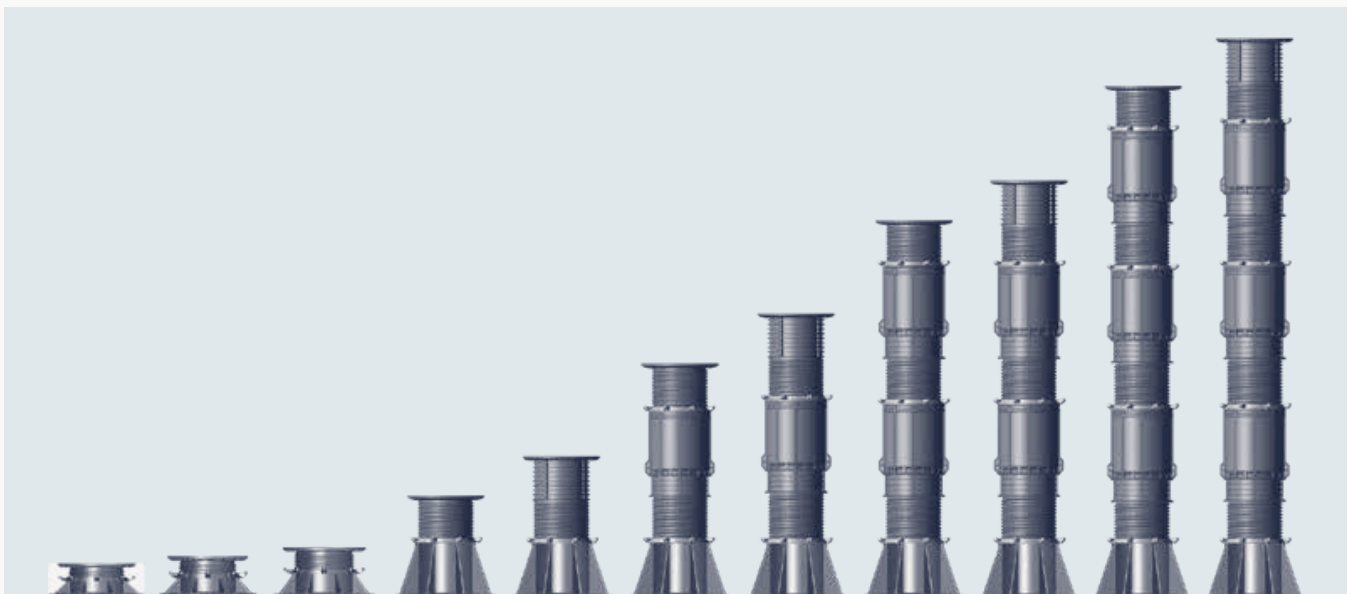


Made from recycled
plastic

01 SKYFRAME PEDESTAL

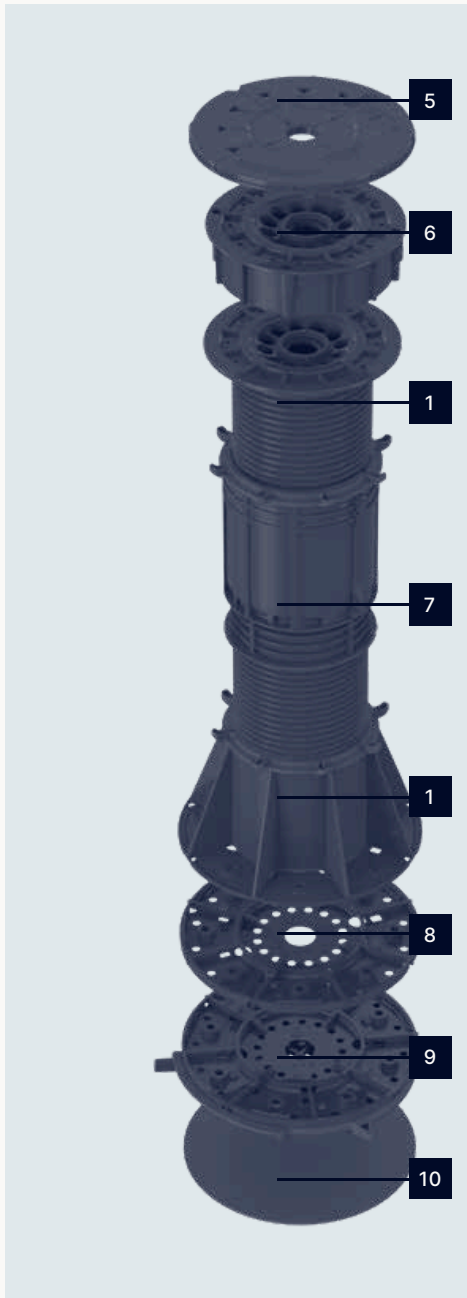
Height Range

Eleven height configurations from just five pedestal sizes and one extender. KP6 to KP11 are assembled on site from a SkyFrame Pedestal 4 or 5 plus KP extensions.



01 SKYFRAME PEDESTAL

Mounting Options



1 SkyFrame Pedestal
Covers heights from 37 mm to 1014 mm. Base and top section shown separately.

2 Spacer Tab
For joint widths of 2 / 3 / 4 / 5 / 6 / 8 / 10 mm.



3 Shim
TPE shim in 1 mm or 2 mm for tolerance differences in tile thickness and to reduce vibration.



4 Bearer Holder
For bearer widths from 35 to 80 mm.



5 Top Slope Corrector
Top slope correction from 0–5% in 1% increments.

6 Top Extender
SkyFrame top extension of 43 mm.

7 Extender
SkyFrame Pedestal E extension for KP4 and KP5, for heights above 281 mm. Mounted between the head and base of the pedestal.

8 Base Extender
10 mm additional height through the BE10 extension.

9 Base Slope Corrector
Base slope correction from 0–5% in 1% increments.

10 SkyFrame Pad
An intermediate layer between the pedestal and the waterproofing.



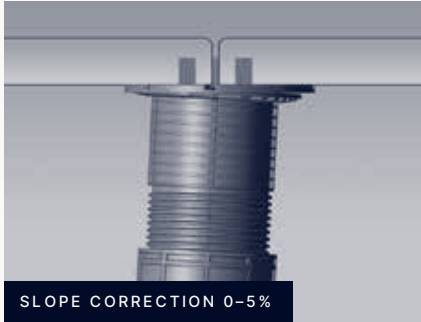
Spacer tab setting the joint between tiles



Bearer holder supporting a timber joist

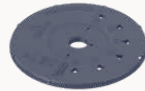
01 SKYFRAME PEDESTAL

Accessories



Top Slope Corrector

The inclination can be set in 1% increments from 0–5%. The slope corrector can also be used to create a desired fall.



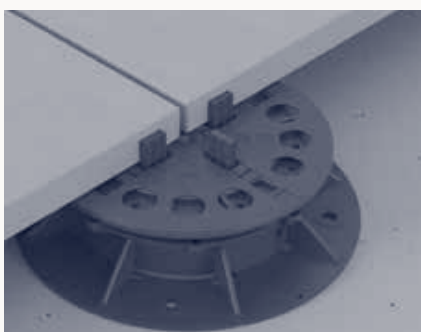
Locking Ring

The SkyFrame locking ring prevents accidental, unintentional height adjustment of the pedestal once it has been set.



Bearer Holder

For bearers from 35–50 mm or 50–80 mm. The joist is always centred exactly on the pedestal support, so the pressure on the substrate is optimally distributed.



Spacer Tab / Shim

Spacer tabs for joint widths of 2 / 3 / 4 / 5 / 6 / 8 / 10 mm give a clean joint pattern across the entire surface. Posts can be cut off for longitudinal and T-joints. Rubber shims in 1 mm and 2 mm.



01 SKYFRAME PEDESTAL

Assortment

PEDESTALS

					
Pedestal 1 Height-adjustable 37-50 mm ITEM 008-000704 PU 58	Pedestal 2 Height-adjustable 50-75 mm ITEM 008-000705 PU 46	Pedestal 3 Height-adjustable 74-117 mm ITEM 008-000706 PU 34	Pedestal 4 Height-adjustable 117-201 mm ITEM 008-000707 PU 20	Pedestal 5 Height-adjustable 197-281 mm ITEM 008-000708 PU 12	Extender 245E Suitable for KP4 + KP5 ITEM 008-000709 PU 27

ACCESSORIES

					
Top Extender 43 mm ITEM 008-000750 PU 25	VJ Base Extender BE10 10 mm height ITEM 008-000810 PU 150	Bearer Holder For bearers 35- 80 mm CODE 008-000154 PU 236	Top Slope Corrector 0-5%, height 5 mm ITEM 008-000037 PU 216	Rubber Shim 1mm (TPE) ITEM 008-000171 PU 800	Rubber Shim 2 mm (TPE) ITEM 008-000172 PU 400

SPACER TABS

					
Spacer Tab 2 mm Post height 12 mm ITEM 008-000712 PU 360	Spacer Tab 3 mm Post height 15 mm ITEM 008-000713 PU 324	Spacer Tab 4 mm Post height 12 mm ITEM 008-000714 PU 360	Spacer Tab 5 mm Post height 12 mm ITEM 008-000174 PU 612	Spacer Tab 6 mm Post height 15 mm ITEM 008-000176 PU 324	Spacer Tab 8 mm Post height 15 mm ITEM 008-000156 PU 540

SPACER TABS, WALL SPACERS & TOOLS

					
Spacer Tab 10 mm Post height 12 mm ITEM 008-000175 PU 540	Wall Spacer 10 mm Buffer, +2 mm height ITEM 008-000158 PU 150	Wall Spacer 15 mm Buffer, +2 mm height ITEM 008-000155 PU 150	Wall Spacer 20 mm Buffer, +2 mm height ITEM 008-000154 PU 140	Turning Tool SkyFrame turning tool ITEM 008-000150 PU 1	Tile Lifter Simple lifting of tiles ITEM 008-000770 PU 1



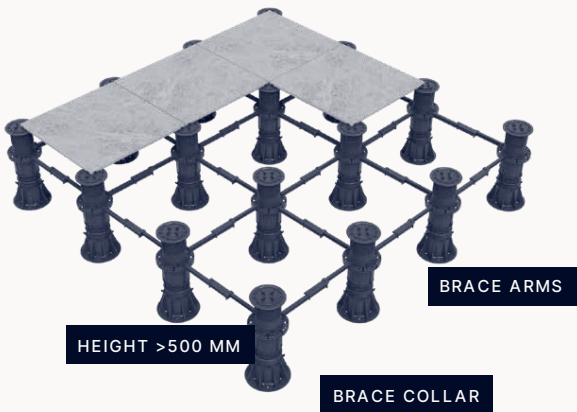
02 SKYFRAME BRACE

Additional Stability for High Installations

A bracing system for SkyFrame Pedestal installations where extra lateral stability is required.

The SkyFrame Pedestal Brace system consists of brace collars placed around the SkyFrame Pedestal screw thread, connected by brace arms that are adjustable in length and lockable.

The brace should be used for pedestals over 500 mm in height, to ensure that the spacing between pedestals is maintained during installation and when slab coverings are replaced.



USE ABOVE
500 mm

PEDESTAL SPACING
470-700 mm

SKYFRAME BRACE RANGE

	
Brace Collar SkyFrame Pedestal Brace Collar ITEM 008-000190 PU 45	Brace Arm SkyFrame Pedestal Brace Arm ITEM 008-000191 PU 70

03 WALL SPACER

A Constant Distance to the Wall

A durable, compressible buffer that prevents damage to the wall or tiles – and doubles as additional drainage.

The SkyFrame Wall Spacer is used on pedestals to restrict the lateral movement of slabs and keep a uniform distance between the wall and the slab covering.

Guide bars hold the panels in position, while the joint crosses set the distance between the tiles.

IMPORTANT

The SkyFrame Wall Spacer must always touch the wall so that the tiles cannot move.



Guide bars locate the slab edge



Wall spacers fitted to perimeter pedestals keep the whole surface in position

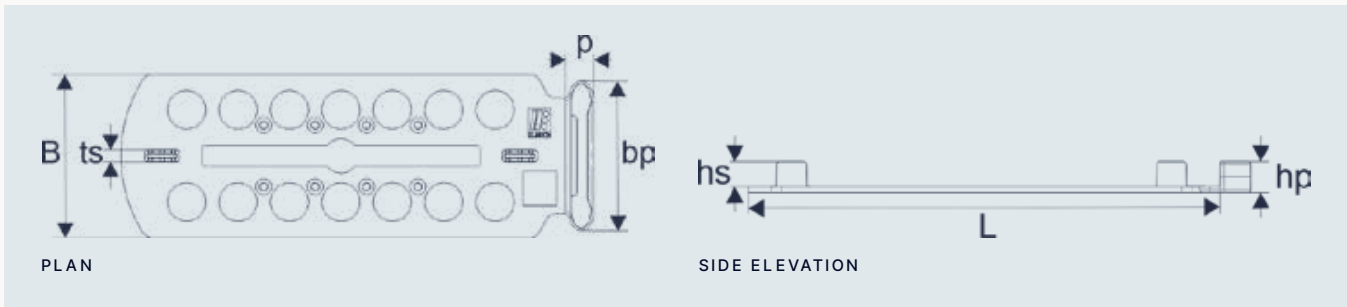
03 WALL SPACER

Technical Data

WALL BUFFER	P-10	P-15	P-20
Material	PP, recycled		
Distance (p)	10	15	20
Post height (hs)	15	15	15
Width (bp)	74	78	84
Post width (ts)	3	3	3
Length (L)	233	233	233
Width (B)	85	85	85

All dimensions in mm.

- ◆ Suitable for all tile sizes
- ◆ Additional drainage
- ◆ Regular distance to the wall
- ◆ Wall buffer 10 / 15 / 20 mm
- ◆ Mounted underneath the tile
- ◆ Cost-effective, simple installation
- ◆ Made from recycled polypropylene
- ◆ Fits SkyFrame Micro Pedestal, SkyFrame Pedestal and SkyFrame Pave 4P



Wall spacer between tiles and glass railing



Constant distance between tiles and wall

WALL SPACER RANGE		
		
Wall Spacer 10 mm Buffer, +2 mm height CODE 008-000158 PU 150	Wall Spacer 15 mm Buffer, +2 mm height CODE 008-000155 PU 150	Wall Spacer 20 mm Buffer, +2 mm height CODE 008-000154 PU 140

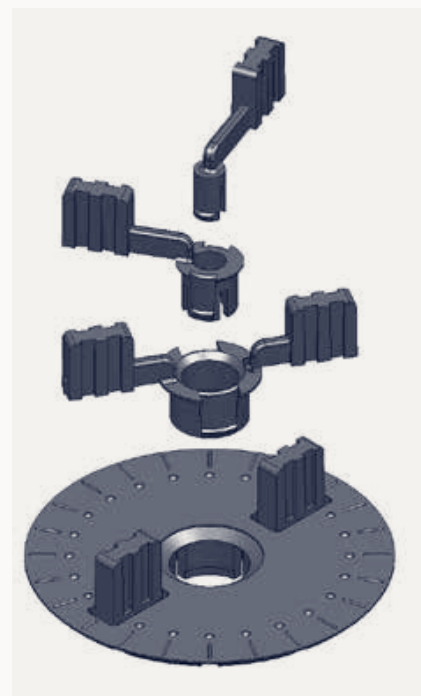
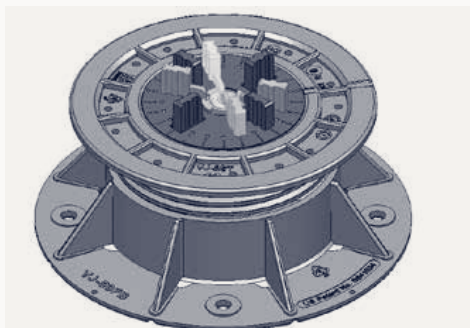
04 VARIABLE ANGLE SPACER TAB

Uniform Joints at Any Angle

Suitable for SkyFrame Pedestals – for tiles laid between 90° and 180°.

The SkyFrame variable angle spacer tab creates a uniform joint pattern for tiles laid at different angles, opening up unique coverings. Rotatable and removable joint dividers allow tiles to be laid between 90° and 180°.

Notches on the base element in 15° increments help with the initial arrangement of the joint dividers, which can also be positioned between the increments. The fixed joint dividers have predetermined breaking points and can be broken off as required. Variable joint dividers are available for 3 mm and 4 mm joints.



Individually rotatable

Single rotatable

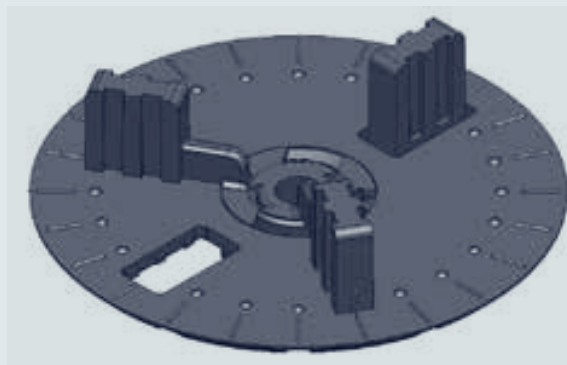
Double rotatable

Rigid – can be broken off

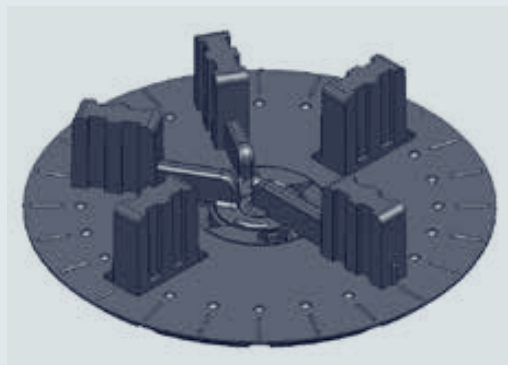
Joint cross plate with 2 rigid posts

04 VARIABLE ANGLE SPACER TAB

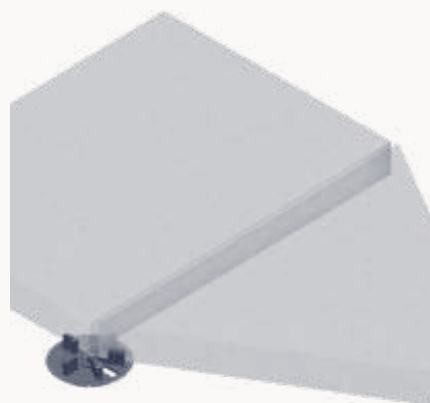
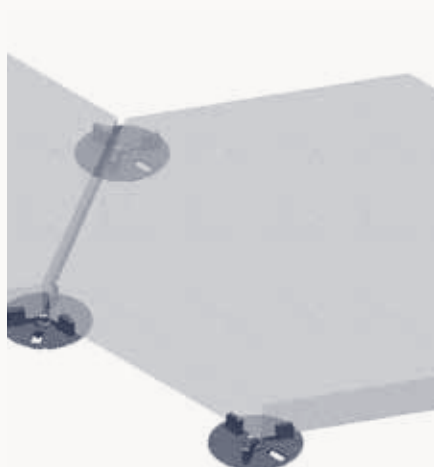
Installation Options



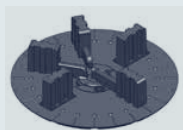
120°



60° AND 90°



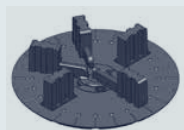
VARIABLE ANGLE SPACER TAB RANGE



Variable Spacer Tab

Joint width 3 mm

CODE 008-000760
PU 612



Variable Spacer Tab

Joint width 4 mm

CODE 008-000761
PU 612

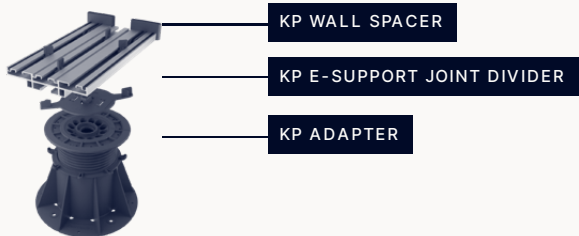


05 FRAME E-SUPPORT

Solution for Edge and Wall Finishes

Flexible installation along external walls – without additional supports.

The SkyFrame Frame E-Support is used with the SkyFrame Frame Adaptor on SkyFrame Pedestals, together with E-Support joint dividers, to lay conical or narrow slabs along the outer wall at a non-perpendicular angle.



FRAME E-SUPPORT (EDGE SUPPORT)

Material	Aluminium
Length	1000 mm
Width	140 mm
Height	25 mm

E-SUPPORT JOINT DIVIDER

Material	PP
Post widths	3 / 4 / 5 / 6 / 8 mm



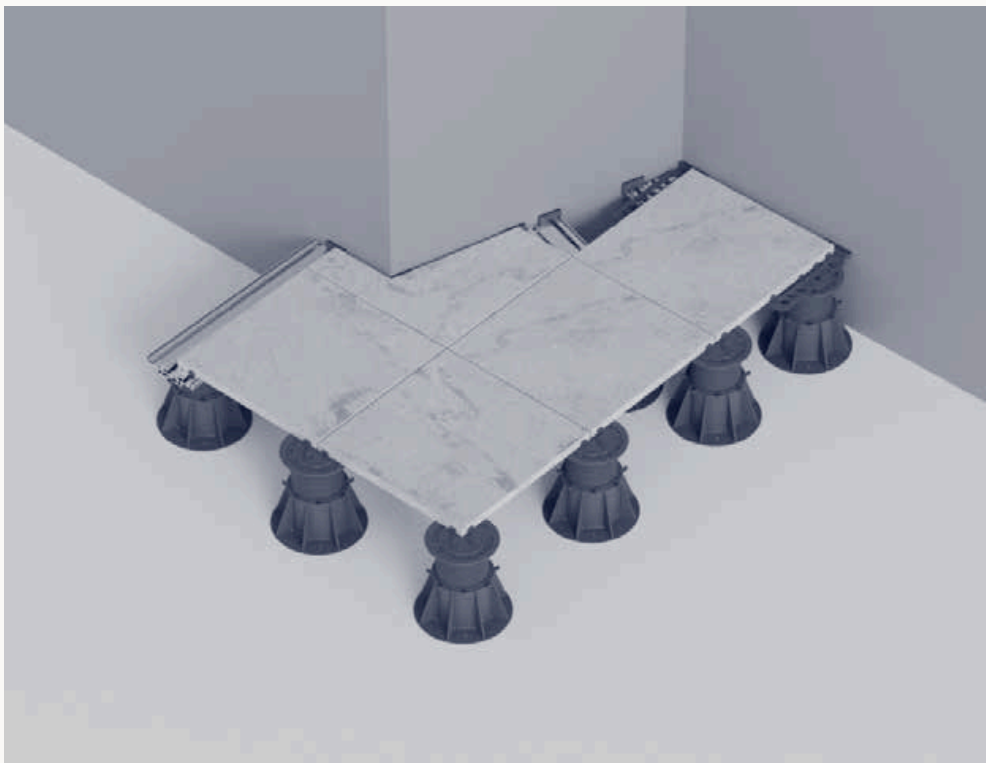
Angled slabs finished cleanly along the wall

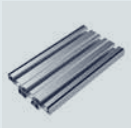


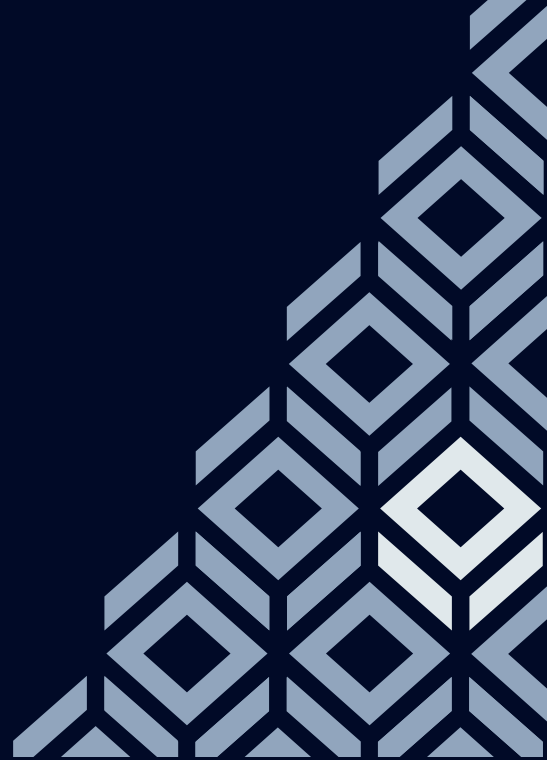
Wall spacer and joint dividers on the E-Support rail

05 FRAME E-SUPPORT

In Detail



E-SUPPORT & MATCHING ACCESSORIES					
					
Pedestal E-Support 1000 × 140 mm, 25 mm high ITEM 008-000460 PU 2	E-Support Joint Divider 3 mm, set of 5 ITEM 008-000463 PU 960	E-Support Joint Divider 4 mm, set of 5 ITEM 008-000464 PU 960	E-Support Dividers 1each: 3 / 4 / 5 / 6 / 8 mm ITEM 008-000471 PU 960	Wall Spacer 10 mm For SkyFrame Pedestal ITEM 008-000407 PU 100	Wall Spacer 10 mm Buffer, +2 mm height ITEM 008-000158 PU 150



ENGINEERED ROOFTOP & PODIUM SYSTEMS

Questions About the Products? We're Here to Help.

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