PP LEVEL DUO MAXI / PP LEVEL MAXI FIX

Supports for outdoor raised floors



DESCRIPTION

PP level DUO MAXI is a range of supports for laying outdoor raised floors. These supports are used for laying self-supporting ceramic, natural stone or concrete slabs of various sizes and consist of:

- base with screw with anti-unscrewing block (S/28/29B, M/38/57B, L/59/61B, XL/87/150B, XXL/148/211B);
- head with tabs for 2, 3 and 4 mm joints (PPLM/T2, PPLM/T3, PPLM/T4).

PP level DUO MAXI can compensate for slopes up to 5%.

It is also possible to convert the self-levelling head into a fixed head during installation: by removing the special **Fixed Head Ring** integrated into the base of the support and applying it between the screw and the head, the head can be blocked.

If, on the other hand, the installation surface is parallel to the walking surface, you can use **PP level MAXI FIX** directly: the PPLM/T4F head can be combined with the same bases without having to remove and apply the Fixed Head Ring.

The heads are made of a bi-component material (PP+TPE) to reduce impact noise by attenuating sound transmission between the ceramic tiles and the supports.

Height adjustment is made using the adjustment key, which can be positioned in the special slot on the screw. The height of the supports can be further increased using the P1/10 and P1/80TE extensions.

PP level DUO MAXI and **PP level MAXI FIX** are the ideal solutions for terraces, pool edges, walkways, etc.

Finally, numerous accessories are available for installation, dedicated to height adjustment, lifting slabs and vertical perimeter closures.



MATERIALS

PP (base)
Black polypropylene, resistant to both acidic and basic solutions and weathering.
Operating temperature -40°C +75°C.
Mechanical properties remain unchanged over time.

PP/TPE (head)
Black polypropylene with anti-shock thermoplastic elastomer, resistant to abrasion and impact.

ENVIRONMENTAL IMPACT AND PRODUCT END-OF-LIFE

Non-hazardous waste, recyclable after disassembly of accessories and bi-component heads.
Base with screw and extensions are made of polypropylene (PP5).
The heads are made of polypropylene (PP5) + thermoplastic elastomer (TPE).
All of the above components are 100% recyclable.

DIMENSIONS

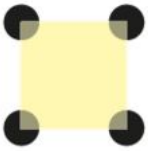
Base diameter	205 mm
Head diameter	130 mm (PPLM/T4, PPLM/T3, PPLM/T2), 115 mm (PPLM/T4F)
Support surface	330 cmq
Spacer tab thickness	4 mm (PPLM/T4, PPLM/T4F), 3 mm (PPLM/T3), 2 mm (PPLM/T2)
Spacer tab height	12 mm

INSTALLATION

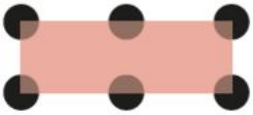
Installation is made by dry positioning of the support on the existing surface: concrete slab, waterproof membrane*, rigid insulating panel**, ceramic floors, stone floors, etc.
The installation surface must be smooth, clean, flat, compact, stable, mechanically resistant and must maintain these characteristics over time.
No adhesives or other types of fixings are required.
We recommend interposing a Profilpas rubber mat between the installation surface and the support.
The product requires specialised labour for installation.

*Make sure that the membrane used does not obstruct the water drainage holes.
**Check the mechanical characteristics of the rigid insulating panel with the manufacturer.

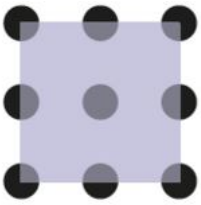
CONSUMPTION PER SQUARE METRE



30x60
40x40
50x50
60x60



40x80 30x120
45x90 40x120
60x90 60x120



80x80
90x90
100x100
120x120

SUPPORTI AL MQ
SUPPORTS PER SQM

DIM. PIASTRELLE TILE SIZE (cm)	30	40	45	50	60	80	90	100	120
30	11,1				5,6				5,6
40		6,5			4,2	6,3			4,2
45			4,9				4,9		
50				4,0					
60	5,6	4,2			2,8		3,7		2,8
80		6,3				6,3			
90			4,9		3,7		4,9		
100								4	
120	5,6	4,2			2,8				2,8

Le indicazioni presenti in queste tabelle sono indicative e variano in base alle dimensioni ed alla geometria dell'area da calcolare.

The indications in these tables are indicative and vary according to the size and geometry of the area to be calculated.

CARE AND MAINTENANCE

PP
It requires no special maintenance.

PP/TPE
It requires no special maintenance.

FIRE PREVENTION MEASURES

In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

SUPPORTS FOR OUTDOOR RAISED FLOORS

PP LEVEL DUO MAXI - BASE + SCREW + HEAD 4 MM

ART.		code	pack	pallet
S/28/39/4	base + screw + head 4 mm adjustable from h. 28 to 39 mm *euro/pc (euro/pack)*	19270	24 pcs	1152 pcs
M/38/57/4	base + screw + head 4 mm adjustable from h. 38 to 57 mm *euro/pc (euro/pack)*	19271	24 pcs	960 pcs
L/56/91/4	base + screw + head 4 mm adjustable from h. 56 to 91 mm *euro/pc (euro/pack)*	19272	24 pcs	672 pcs
XL/87/150/4	base + screw + head 4 mm adjustable from h. 87 to 150 mm *euro/pc (euro/pack)*	19273	24 pcs	480 pcs
XXL/148/211/4	base + screw + head 4 mm adjustable from h. 148 to 211 mm *euro/pc (euro/pack)*	19279	12 pcs	240 pcs

no partial packaging

PP LEVEL DUO MAXI - BASE + SCREW

ART.		code	pack	pallet
S/28/39B	base + screw adjustable from h. 28 to 39 mm *euro/pc (euro/pack)*	19250	24 pcs	1152 pcs
M/38/57B	base + screw adjustable from h. 38 to 57 mm *euro/pc (euro/pack)*	19251	24 pcs	1152 pcs
L/56/91B	base + screw adjustable from h. 56 to 91 mm *euro/pc (euro/pack)*	19252	24 pcs	672 pcs
XL/87/150B	base + screw adjustable from h. 87 to 150 mm *euro/pc (euro/pack)*	19253	24 pcs	480 pcs
XXL/148/211B	base + screw adjustable from h. 148 to 211 mm *euro/pc (euro/pack)*	19278	12 pcs	240 pcs

no partial packaging

EXTENSIONS FOR PP LEVEL DUO MAXI

ART.		code	pack	pallet
P1/10	extension h. 10 mm *euro/pc (euro/pack)*	19369	15 pcs	1800 pcs
P1/80TE	extension h. 80 mm *euro/pc (euro/pack)*	19254	24 pcs	960 pcs

no partial packaging

XL/87/150B+P1/80TE	=	167	/	254	mm
XXL/148/211B+P1/80TE	=	228	/	315	mm
XXL/148/211B+(2xP1/80TE)	=	308	/	419	mm
XXL/148/211B+(3xP1/80TE)	=	388	/	523	mm
XXL/148/211B+(4xP1/80TE)	=	468	/	627	mm
XXL/148/211B+(5xP1/80TE)	=	548	/	732	mm
XXL/148/211B+(6xP1/80TE)	=	628	/	836	mm
XXL/148/211B+(7xP1/80TE)	=	708	/	940	mm
XXL/148/211B+(8xP1/80TE)	=	788	/	1044	mm
XXL/148/211B+(9xP1/80TE)	=	868	/	1148	mm
XXL/148/211B+(10xP1/80TE)	=	948	/	1253	mm

PP LEVEL DUO MAXI - SELF-LEVELLING HEAD FOR CERAMIC FLOORS

ART.		code	pack	pallet
PPLM/T2	head for 2 mm joints	19255	48 pcs	3840 pcs
	euro/pc (euro/pack)			
PPLM/T3	head for 3 mm joints	19256	48 pcs	3840 pcs
	euro/pc (euro/pack)			
PPLM/T4	head for 4 mm joints	19257	48 pcs	3840 pcs
	euro/pc (euro/pack)			

no partial packaging

PP LEVEL MAXI FIX - BASE + SCREW + FIXED HEAD 4 MM

ART.		code	pack	pallet
S/25/36/4F	base+screw+fixed head 4 mm adjust. from h. 25 to 36 mm	19274	24 pcs	1152 pcs
	euro/pc (euro/pack)			
M/35/54/4F	base+screw+fixed head 4 mm adjust. from h. 35 to 54 mm	19275	24 pcs	960 pcs
	euro/pc (euro/pack)			
L/53/88/4F	base+screw+fixed head 4 mm adjust. from h. 53 to 88 mm	19276	24 pcs	672 pcs
	euro/pc (euro/pack)			
XL/84/147/4F	base+screw+fixed head 4 mm adjust. from h. 84 to 147 mm	19277	24 pcs	480 pcs
	euro/pc (euro/pack)			
XXL/145/208/4F	base+screw+fixed head 4 mm adjust from h. 145 to 208 mm	19280	12 pcs	240 pcs
	euro/pc (euro/pack)			

no partial packaging

PP LEVEL MAXI FIX - FIXED HEAD FOR CERAMIC FLOORS

ART.		code	pack	pallet
PPLM/T4F	fixed head for 4 mm joints ***euro/pc (euro/pack)***	19261	48 pcs	3840 pcs

no partial packaging

ACCESSORIES FOR INSTALLATION

ART.		code	pack
CR/M	adjustment key (for 4 mm joints) ***euro/pc***	19376	12 pcs
PPL/CT	insert for screwdriver drill ***euro/pc***	19306	1 pc
PCC/01	perimeter clip (base + head) ***euro/kit (euro/pack)***	19382	30 kit
PCC/02	corner clip (base + head) ***euro/kit (euro/pack)***	19383	4 kit
PCC/03	wall clip in stainless steel ***euro/pc (euro/pack)***	19384	50 pcs
PCC/05	wall clip in black polypropylene ***euro/pc (euro/pack)***	19377	200 pcs
PPL/S	rubber mat diam. cm 21 x 0,2 thick. ***euro/pc (euro/pack)***	19385	100 pcs
PPL/DLT	levelling disk for head diam. cm 12 x 0,2 thick. ***euro/pc (euro/pack)***	19378	100 pcs
PPL/DLB	levelling disk for base diam. cm 21 x 0,2 thick. ***euro/pc (euro/pack)***	19379	100 pcs
PPL/V	battery-powered vacuum suction cup ***euro/pc***	19302	1 pc
PPL/MM	slab lifting handle (from 39 to 62 cm) ***euro/pc***	19307	1 pc
PPL/GS	tile lifter for 4 mm joints ***euro/pc***	19305	1 pc

no partial packaging (except for CR/M)


CR/M


PPL/CT


PCC/01


PCC/02


PCC/03


PCC/05


PPL/S


PPL/DLT


PPL/DLB


PPL/V


PPL/MM


PPL/GS

S/28/39/4



TECHNICAL SPECIFICATIONS

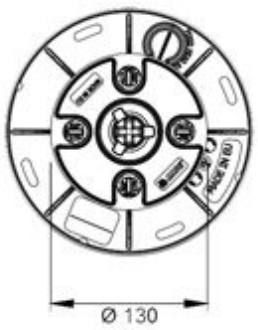
MINIMUM HEIGHT (mm)	28
MAXIMUM HEIGHT (mm)	39
WEIGHT (kg)	0,265
SLOPES COMPENSATION	< 5%
MAXIMUM COMPRESSIVE LOAD H 33,5 mm* (kN)	20,0
MAXIMUM COMPRESSIVE LOAD H 39,0 mm* (kN)	15,5
FIRE REACTION CLASSIFICATION (EN 13501-1:2018)	E

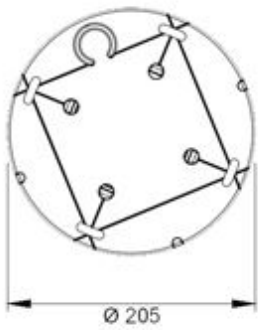
*tests carried out at Mapei laboratories with axial load on the support and Fixed Head Ring applied

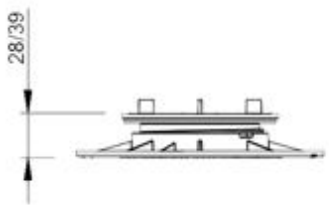
PACKAGING AND STORAGE

PIECES PER BOX	24
BOXES PER PALLET	48
BOX SIZE (cm)	60x40x15,5
BOX WEIGHT (kg)	6,87
PALLET SIZE (cm)	80x120x201

TECHNICAL DRAWINGS







M/38/57/4



TECHNICAL SPECIFICATIONS

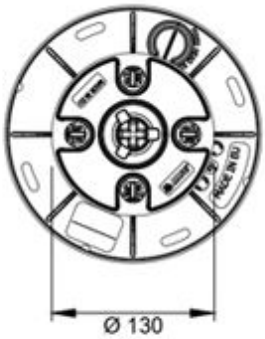
MINIMUM HEIGHT (mm)	38
MAXIMUM HEIGHT (mm)	57
WEIGHT (kg)	0,322
SLOPES COMPENSATION	< 5%
MAXIMUM COMPRESSIVE LOAD H 47,5 mm* (kN)	32,0
MAXIMUM COMPRESSIVE LOAD H 57,0 mm* (kN)	16,0
FIRE REACTION CLASSIFICATION (EN 13501-1:2018)	E

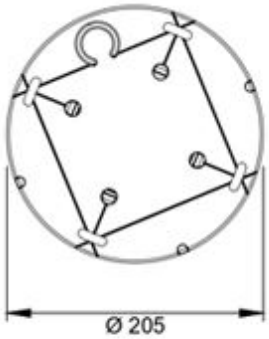
*tests carried out at Mapei laboratories with axial load on the support and Fixed Head Ring applied

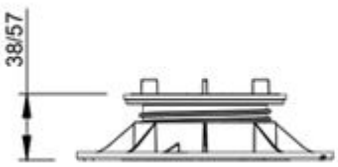
PACKAGING AND STORAGE

PIECES PER BOX	24
BOXES PER PALLET	40
BOX SIZE (cm)	60x40x20
BOX WEIGHT (kg)	8,24
PALLET SIZE (cm)	80x120x215

TECHNICAL DRAWINGS







L/56/91/4



TECHNICAL SPECIFICATIONS

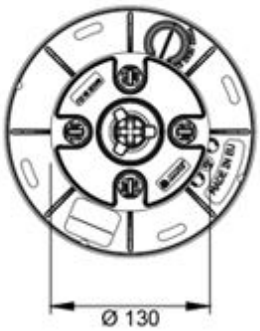
MINIMUM HEIGHT (mm)	56
MAXIMUM HEIGHT (mm)	91
WEIGHT (kg)	0,389
SLOPES COMPENSATION	< 5%
MAXIMUM COMPRESSIVE LOAD H 73,5 mm* (kN)	29,0
MAXIMUM COMPRESSIVE LOAD H 91,0 mm* (kN)	16,5
FIRE REACTION CLASSIFICATION (EN 13501-1:2018)	E

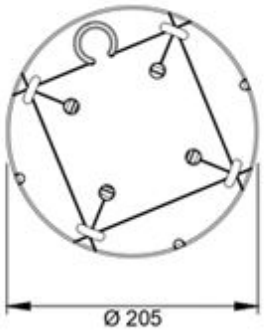
*tests carried out at Mapei laboratories with axial load on the support and Fixed Head Ring applied

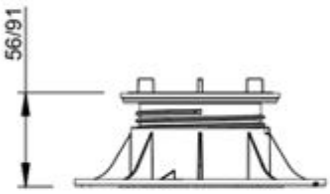
PACKAGING AND STORAGE

PIECES PER BOX	24
BOXES PER PALLET	28
BOX SIZE (cm)	60x40x25
BOX WEIGHT (kg)	9,81
PALLET SIZE (cm)	80x120x190

TECHNICAL DRAWINGS







XL/87/150/4



TECHNICAL SPECIFICATIONS

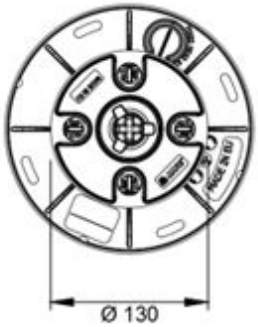
MINIMUM HEIGHT (mm)	87
MAXIMUM HEIGHT (mm)	150
WEIGHT (kg)	0,412
SLOPES COMPENSATION	< 5%
MAXIMUM COMPRESSIVE LOAD H 118,5 mm* (kN)	20,0
MAXIMUM COMPRESSIVE LOAD H 150,0 mm* (kN)	17,0
FIRE REACTION CLASSIFICATION (EN 13501-1:2018)	E

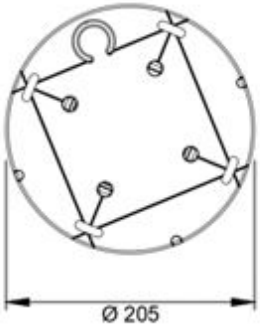
*tests carried out at Mapei laboratories with axial load on the support and Fixed Head Ring applied

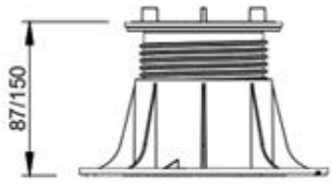
PACKAGING AND STORAGE

PIECES PER BOX	24
BOXES PER PALLET	20
BOX SIZE (cm)	60x40x36
BOX WEIGHT (kg)	10,34
PALLET SIZE (cm)	80x120x195

TECHNICAL DRAWINGS







XXL/148/211/4



TECHNICAL SPECIFICATIONS

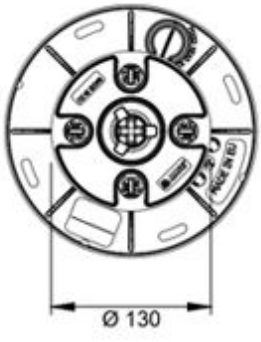
MINIMUM HEIGHT (mm)	148
MAXIMUM HEIGHT (mm)	211
WEIGHT (kg)	0,547
SLOPES COMPENSATION	< 5%
MAXIMUM COMPRESSIVE LOAD H 118,5 mm* (kN)	18,0
MAXIMUM COMPRESSIVE LOAD H 150,0 mm* (kN)	15,0
FIRE REACTION CLASSIFICATION (EN 13501-1:2018)	E

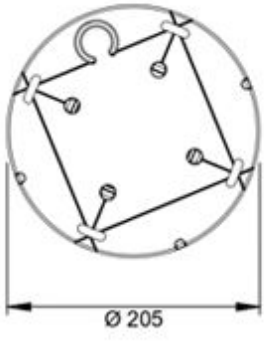
*tests carried out at Mapei laboratories with axial load on the support and Fixed Head Ring applied

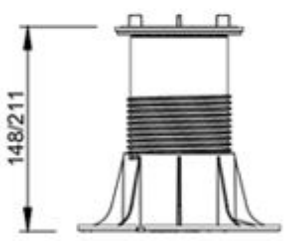
PACKAGING AND STORAGE

PIECES PER BOX	12
BOXES PER PALLET	20
BOX SIZE (cm)	60x40x33
BOX WEIGHT (kg)	7,50
PALLET SIZE (cm)	80x120x180

TECHNICAL DRAWINGS







WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.
Please refer to the current version of the Technical Data Sheet, available from our website profilpas.com
PRODUCT FOR PROFESSIONAL USE

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