



PP level DUO MAXI

MAPEI's system for
installing raised floors



PP level DUO MAXI



PEDESTAL SYSTEM FOR THE INSTALLATION OF FLOATING FLOORS

PP level DUO MAXI is MAPEI's new line of pedestals designed to be the perfect solution where a bonded application is not the best idea. Our pedestals can solve the majority of jobsite issues and have an extremely high point load. The product line comes with an incredible variety of complementary accessories for state-of-the-art installations.





SELF-LEVELING HEAD

Our self-leveling head compensates up to 5% slope. Depending on the conditions of the substrate or whether you are working on perimeters requiring cut-to-size pavers with uneven weight, you might need to go from a self-leveling head to a fixed one or vice versa. Thanks to the practical head locker ring inserted on the base, you can easily switch our pedestals from a tilting head to a fixed head. Simply snap the head locker ring, insert it under the head and place it.



FEATURES AND ADVANTAGES

Raised floors are the ideal solution for building renovations and new buildings. Their advantages are many: They are simple and quick to install, and they are just as quick to remove for any maintenance of cables and pipes or to inspect the substrate. Moreover, they absorb expansions and structural movements, thus preventing cracks and breaks, and facilitate air recirculation between the floor and the waterproofing layer.



PERFECTLY FLAT SURFACE

The use of pedestals on a sloped substrate creates a perfectly flat surface.



VERSATILITY OF THE LINE

The product line – composed of four bases, three heads and one extension – responds to all needs in terms of desired height or installation specs.



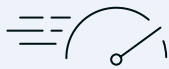
WATER RUNOFF

A system of drainage holes on the head connection and on the base prevents the stagnation of rainwater, ensuring its effective drainage.



EASY HEIGHT ADJUSTMENT

The pedestal height can be easily adjusted from the top by using the special MAPEI adjustment key.



SIMPLE, FAST APPLICATION

Our pedestals are the fastest solution for a worry-free, raised-floor application.



MAXIMUM DURABILITY

PP level DUO MAXI pedestals have a high mechanical resistance to compression and are resistant to the most extreme climatic conditions (UV, weathering elements, temperatures from -40°F to 167°F [-40°C to 75°C]).



COMPLETELY RECYCLABLE

All elements that make up *PP level DUO MAXI* are made of recyclable plastic.



THE PRODUCT LINE



S/28/39B

H: 1-1/8" to 1-9/16"
(28 to 39 mm)



M/38/57B

H: 1-1/2" to 2-1/4"
(38 to 57 mm)



L/56/91B

H: 2-3/16" to 3-9/16"
(56 to 91 mm)



XL/87/150B

H: 3-7/16" to 5-7/8"
(87 to 150 mm)



P1/80TE

Extension H: 3-1/8"
(80 mm)

For correct usage of the
P1/80TE extension, see Page 14.

PORCELAIN PAVERS, PLANKS, DECKING



PPLM/T2
PPLM/T3
PPLM/T4

SELF-LEVELING HEAD FOR CERAMIC FLOORS

Head to be used for the installation of ceramic floors, equipped with easily removable tabs for joints measuring $3/32"$, $1/8"$ and $5/32"$ (2, 3 and 4 mm).



PPLM/TA

HEAD FOR ALUMINUM JOISTS

This head is used in combination with the aluminum joist PPL/T1 for a state-of-the-art installation with ceramic planks. Aluminum joists can also be used to grant safety and stability in case of higher installations.



PPLM/TD

UNIVERSAL L-HEAD FOR WOODEN JOISTS

Universal L-head for screw fixing of all types of joists for the installation of decking



1-2 Self-leveling head PPLM/T2-3-4 for the installation of pavers

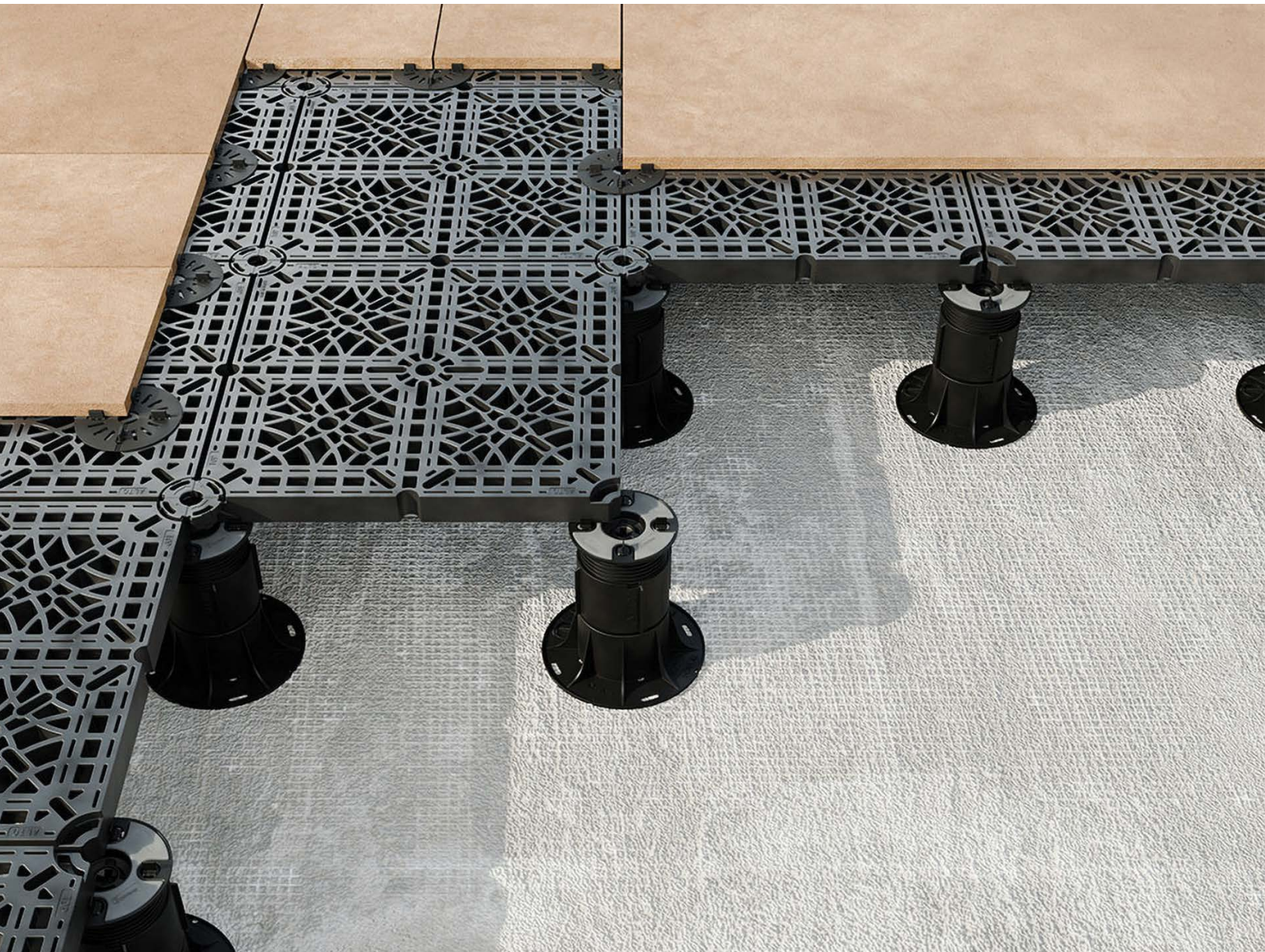
3-4 Head PPLM/TA and aluminum joists PPL/TI for improved stability and safety in case of high-height installations

5 L-head PPLM/TD for the installation of decking with wooden joists



PP level GRID

PP level GRID System is used in combination with pedestals to offer an extra degree of safety and protection. In the unlikely event of pavers breaking, the grid will prevent anything from falling through. The use of *PP level GRID* System allows the installation of ceramic pavers, natural-stone and concrete pavers of different sizes. In addition, because the installation is free of the constraints of the pedestals underneath and because of movable head spacers, pavers can be placed on top of the grid in any pattern desired.



LOW-HEIGHT PEDESTALS

LOW-HEIGHT ADJUSTABLE PEDESTAL

PP LEVEL MINI (UP TO 1-3/16" OR 30 MM)



PP level MINI 10/15 is an adjustable, fixed-head support for heights up to 1-3/16" or 30 mm, completing the product line. *PP level MINI* goes from 3/8" to 9/16" (10 to 15mm), but can be further extended up to 1-3/16" (30 mm) by inserting a maximum of three P/5 extensions of 3/16" (5 mm) each. *PP level MINI* is equipped with easily removable spacer tabs for 5/32" (4 mm) joints.

FIXED-HEIGHT PEDESTAL SP



SP1 is a support with a fixed height of 9/16" (14 mm). It is the simplest and cheapest solution for installing any self-supporting outdoor flooring. According to the conformation of the subfloor, it can be used with SP2 (3/32" or 1 mm in height) and SP3 (1/8" or 3 mm in height) levelers.

ACCESSORIES FOR INSTALLATION

ADJUSTMENT KEY



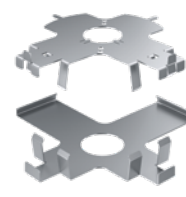
Thanks to the special key, *PP level DUO MAXI* pedestals can be adjusted in height even when pavers are installed, to achieve perfectly leveled floors. To allow room for inserting the adjustment key, use of a wider joint ($5/32''$ or 4 mm) is recommended. For faster adjustment, a steel insert for screwdriver drills is available.

ACCESSORIES FOR INSTALLATION

CLIPS FOR VERTICAL CLOSURE / PERIMETER CLIPS



PCC/01

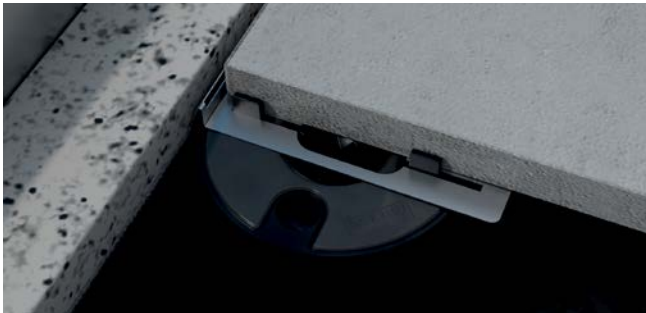


PCC/02



PCC/01 and PCC/02 are two stainless steel clip kits (head clip + base clip) for vertical and corner closure of raised floors with tiles measuring 3/4" (20 mm) in thickness.

PERIMETER SPACER



PCC/03



PCC/03 is a perimeter spacer, in stainless steel, used to obtain uniform and linear joints between the tiles and the perimeter wall and prevent the tiles from chipping against the perimeter wall.

PERIMETER PROFILES



Protec CPLV-CPLB is a series of color-coated aluminum perimeter profiles for protecting and finishing the outer edges of raised floors.

ACCESSORIES FOR INSTALLATION

NOISE ABSORPTION DISK



PPL/DLTN is a noise absorption disk with a diameter of 4-5/16" (11 cm) and a thickness of 1/8" (3 mm) that can be positioned on top of the pedestal head to better absorb the noise. It can be used in combination with the 3/32", 1/8" and 5/32" (2, 3 and 4 mm) heads.

RUBBER MAT



PPL/S is a rubber mat with a diameter of 8-1/4" (21 cm) and a thickness of 3/32" (2 mm) with noise-absorption function. It can also be used to avoid scratching and friction on the waterproofing layer underneath the pedestal.

LEVELING DISK FOR HEAD



PPL/DLT is a rubber leveling disk to be placed on the pedestal head to shim one or more sectors and adjust the slope.

LEVELING DISK FOR BASE



PPL/DLB is a rubber leveling disk to be placed under the support base to shim one or more sectors and correct any imperfections of the substrate.

ACCESSORIES FOR INSTALLATION

SLAB-LIFTING HANDLE



PPL/MS is an adjustable slab-lifting handle from 15-3/8" to 24-7/16" (30 to 62 cm) for handling and laying ceramic slabs.

TILE LIFTER



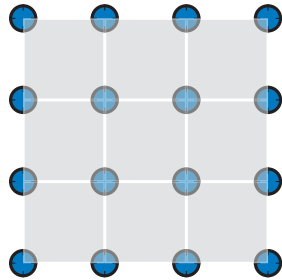
PPL/GS is a tool for lifting already installed slabs with a minimum joint of 5/32" (4 mm).



INSTALLATION DIAGRAMS

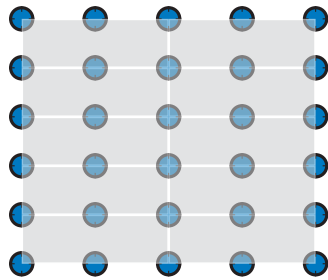
INSTALLATION WITHOUT JOISTS

12" x 24" (30 x 60 cm)
16" x 16" (40 x 40 cm)
20" x 20" (50 x 50 cm)
24" x 24" (60 x 60 cm)

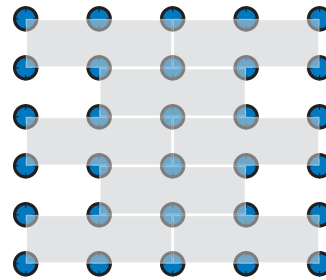


stack bond

16" x 32" (40 x 80 cm)
18" x 36" (45 x 90 cm)
24" x 36" (60 x 90 cm)
12" x 48" (30 x 120 cm)
16" x 48" (40 x 120 cm)
24" x 48" (60 x 120 cm)

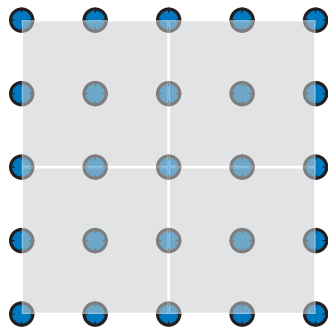


stack bond

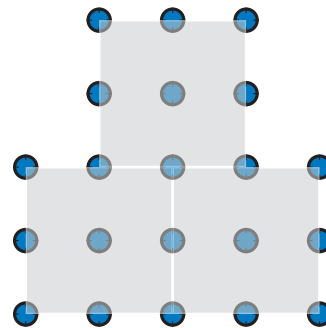


running bond

32" x 32" (80 x 80 cm)
36" x 36" (90 x 90 cm)
40" x 40" (100 x 100 cm)
48" x 48" (120 x 120 cm)



stack bond

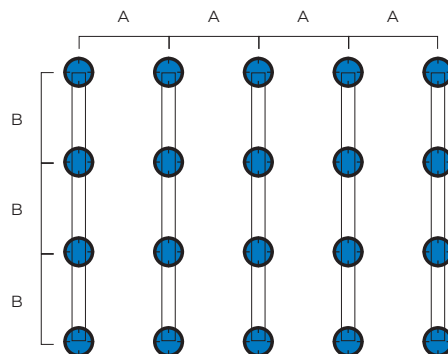


running bond

INSTALLATION WITH JOISTS

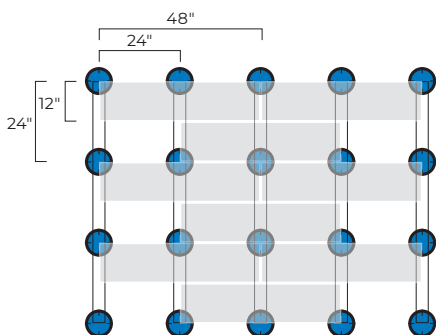
A = from 12" to 24" (30 to 60 cm) according to tile dimension and kind of installation

B = 15" (40 cm) high-foot traffic
 20" (50 cm) medium-foot traffic
 24" (60 cm) low-foot traffic

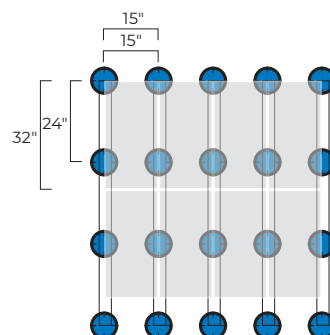


Some examples

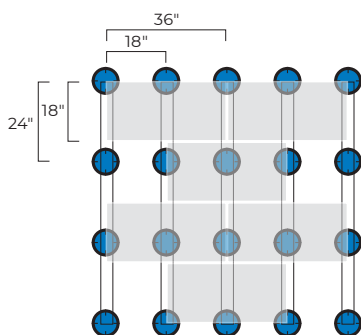
12" x 48" (30 x 120 cm)
 low-foot traffic



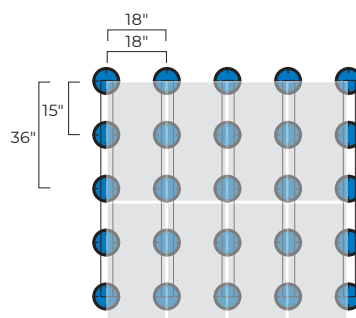
15" x 32" (40 x 80 cm)
 low-foot traffic



18" x 36" (45 x 90 cm)
 low-foot traffic



18" x 36" (45 x 90 cm)
 high-foot traffic



TECHNICAL DATA



S/28/39B



M/38/57B



L/56/91B



XL/87/150B



P1/80TE



PPLM/T2

PPLM/T3

PPLM/T4

PP LEVEL DUO MAXI – base + screw

ITEM	DESCRIPTION	CODE	PACK
S/28/39B	Base + screw adjustable from H 1-1/8" to 1-9/16" (28 to 39 mm)	19250	24
M/38/57B	Base + screw adjustable from H 1-1/2" to 2-1/4" (38 to 57 mm)	19251	24
L/56/91B	Base + screw adjustable from H 2-3/16" to 3-9/16" (56 to 91 mm)	19252	24
XL/87/150B	Base + screw adjustable from H 3-7/16" to 5-7/8" (87 to 150 mm)	19253	24

No partial packaging

EXTENSIONS FOR PP LEVEL DUO MAXI

ITEM	DESCRIPTION	CODE	PACK
P1/80TE	Extension H 3-1/8" (80 mm)	19254	24

No partial packaging

L/56/91B+P1/80TE	=	5-3/8" to 7-11/16" (136 to 195 mm)	XL/87/150B+(6xP1/80TE)	=	22-5/16" to 30-1/2" (567 to 775 mm)
XL/87/150B+P1/80TE	=	6-9/16" to 10" (167 to 254 mm)	XL/87/150B+(7xP1/80TE)	=	25-1/2" to 34-5/8" (647 to 879 mm)
XL/87/150B+(2xP1/80TE)	=	9-3/4" to 14-1/8" (247 to 358 mm)	XL/87/150B+(8xP1/80TE)	=	28-5/8" to 38-11/16" (727 to 983 mm)
XL/87/150B+(3xP1/80TE)	=	12-7/8" to 18-3/16" (327 to 462 mm)	XL/87/150B+(9xP1/80TE)	=	31-3/4" to 42-13/16" (807 to 1 087 mm)
XL/87/150B+(4xP1/80TE)	=	16-1/32" to 22-5/16" (407 to 566 mm)	XL/87/150B+(10xP1/80TE)	=	34-15/16" to 46-15/16" (887 to 1 192 mm)
XL/87/150B+(5xP1/80TE)	=	19-3/16" to 26-7/16" (487 to 671 mm)			

PP LEVEL DUO MAXI – Self-leveling head for ceramic floors

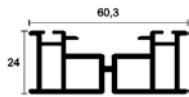
ITEM	DESCRIPTION	CODE	PACK
PPLM/T2	Head for 3/32" (2 mm) joints	19255	48
PPLM/T3	Head for 1/8" (3 mm) joints	19256	48
PPLM/T4	Head for 5/32" (4 mm) joints	19257	48

No partial packaging

To place orders correctly, find the desired model, size and finish. Then place your order by using the letters "PPS" followed by the corresponding 5-digit code.



PPLM/TA



PPL/T1



PPL/D4



PPL/GM50

PPL/GM200



PPL/GR1



PPLM/TD

PP LEVEL DUO MAXI – Joist

ITEM	DESCRIPTION	CODE	PACK
PPLM/TA	Head for aluminum joist	19259	48
PPL/T1	Natural aluminum joist L 8' 1-1/2" (240 cm)	19260	8
PPL/D4	5/32" (4 mm) spacer for PPL/T1 joist	19398	500
PPL/GM50	Noise-absorption rubber for PPL/T1 joist – 164.04' (50 m) per roll	19263	1
PPL/GM200	Noise-absorption rubber for PPL/T1 joist – 656.16' (200 m) per roll	19264	1
PPL/GR1	Connection joint for PPL/T1 joist	19265	250

No partial packaging

PP LEVEL DUO MAXI – Decking

ITEM	DESCRIPTION	CODE	PACK
PPLM/TD	Head for decking	19258	48

No partial packaging

PP LEVEL GRID

ITEM	DESCRIPTION	CODE	PACK
PPL/GRID	Safety grid, 19-1/2" x 19-1/2" x 1-9/16" (496 x 496 x 40 mm)	19295	132 pieces per pallet
PPL/GRL	Connector, 2-13/16" (72 mm) in diameter x 15/16" (24 mm) in height	19296	27 pieces per pack and 5,832 pieces per pallet
PPL/GRD4	Head spacer, 5-1/8" (130 mm) in diameter x 3/32" (2 mm) in thickness	19297	100 pieces per pack and 7,200 pieces per pallet



PPL/GRID



PPL/GRL



PPL/GRD4

To place orders correctly, find the desired model, size and finish. Then place your order by using the letters "PPS" followed by the corresponding 5-digit code.

TECHNICAL DATA



10/15



P/5



SP1



SP2



SP3



CR/M



PPL/CT



PCC/01



PCC/02



PCC/03



PPL/DLTN

PP LEVEL MINI

Head 5/32" (4 mm)

ITEM	DESCRIPTION	CODE	PACK
10/15	Adjustable support from H 3/8" to 9/16" (10 to 15 mm)	19351	20
P/5	Extension H 3/16" (5 mm) for item 10/15 (max. 3 extensions = + 9/16" [15 mm])	19350	20

No partial packaging

SP

ITEM	DESCRIPTION	CODE	PACK
SP1	Fixed height support diam. 6-1/8" (155 mm), H 9/16" (14 mm)	19090	360
SP2	Leveler for SP1 support - H 1/16" (1 mm)	19092	1000
SP3	Leveler for SP1 support - H 1/8" (3 mm)	19093	500

No partial packaging

PP LEVEL DUO MAXI – Accessories

ITEM	DESCRIPTION	CODE	PACK
CR/M	Adjustment key	19376	12
PPL/CT	Insert for screwdriver drill	19306	1
PCC/01	Perimeter clip (base + head)	19382	30
PCC/02	Corner clip (base + head)	19383	4
PCC/03	Wall clip in stainless steel	19384	50
PPL/DLTN	Noise absorption disk for head, 4-5/16" (11 cm) diam. x 1/8" (3 mm) thick	19366	48
PPL/S	Rubber mat, 8-1/4" (21 cm) diam. x 1/64" (0.2 mm) thick	19385	100
PPL/DLT	Leveling disk for head, 4-3/4" (12 cm) diam. x 1/64" (0.2 mm) thick	19378	100
PPL/DLB	Leveling disk for base, 8-1/4" (21 cm) diam. x 1/64" (0.2 mm) thick	19379	100
PPL/MS	Slab-lifting handle from 15-3/8" to 24-7/16" (39 to 62 cm)	19304	1
PPL/GS	Tile lifter for 5/32" (4 mm) joints	19305	1

No partial packaging



PPL/S



PPL/DLT



PPL/DLB



PPL/MS



PPL/GS



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