PP LEVEL DUO MAXI – DECKING

Supports for outdoor raised floors



DESCRIPTION

PP level DUO MAXI - DECKING is a system for laying outdoor raised floors using self-supporting boards in various sizes made of WPC (wood-plastic composite) or timber.
This system is the ideal solution for terraces, pool side floor, walkways, etc.

FEATURES AND BENEFITS

- Slope compensation up to 5%
- Converting from a self-levelling head to a fixed head using the Fixed Head Ring
- Head suitable for both aluminium and wooden joists
- Floor stability
- The perfect combination of aesthetics and functionality

COMPOSITION

PP level DUO MAXI – DECKING consists of:

- base with screw and anti-unscrewing block (S/28/29B, M/38/57B, L/59/61B, XL/87/150B, XXL/148/211B);
- head for decking (PPLM/TD);
- aluminium joist for decking measuring 50 x 30 mm – L 200 cm (PPL/5030/T);
- connection joint for decking joist (PPL/TD/GR);
- T connection joint for decking joist (PPL/TD/TT).

The height of the supports can be increased further using the P1/10 and P1/80TE extensions.
The manufacturers of the boards themselves supply the accessories for fixing the self-supporting decking boards.



MATERIALS

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

Natural aluminium (joist for decking, connection joint, T connection joint)
Alloy of Al-Mg-Si thermically treated in conditions T6 (6060 T6).
The profiles are produced by extrusion and guarantee a fair resistance to athmospheric and chemical agents.

ENVIRONMENTAL IMPACT AND PRODUCT END-OF-LIFE

Non-hazardous waste; recyclable once the accessories and heads have been dismantled.
The base with screw, head and extensions are made of polypropylene (PP5).
The decking joist, connection joint and T connection joint are made of aluminium (ALU41).
All the above components are 100% recyclable.

DIMENSIONS

Base diameter	205 mm
Head diameter	130 mm
Support surface	330 cm^2
Joist dimension	50x30 mm – L 200 cm

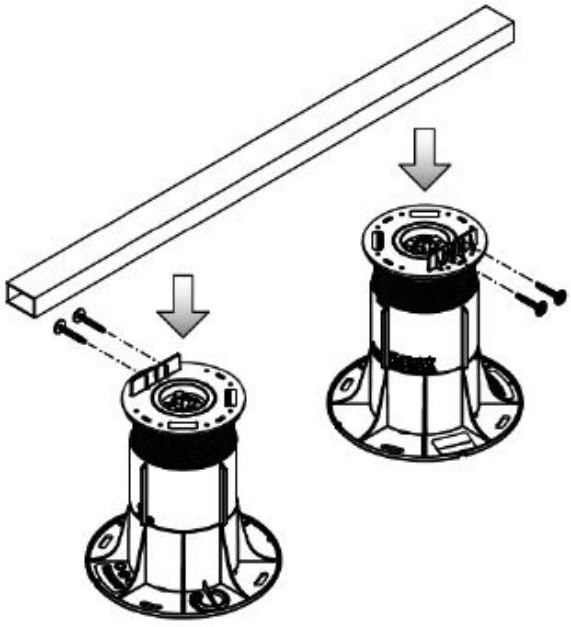
PACKAGING AND STORAGE

	PPLM/TD	PPL/5030/T	PPL/TD/GR	PPL/TD/TT
Pieces per box	48	8	12	20
Boxes per pallet	80	-	-	-
Box size (cm)	40x30x18	205,5x15,5x8,5	14x11x7	19x18x11
Box weight (kg)	4,11	13,90	0,52	1,11
Pallet size (cm)	80x120x195	-	-	-

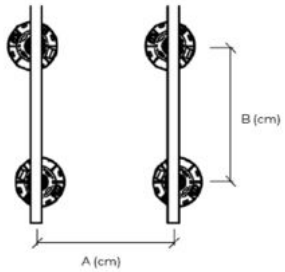
INSTALLATION

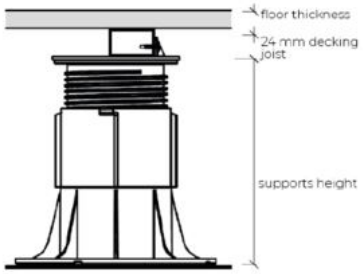
Installation involves the dry assembly and positioning of the support on the existing surface: concrete slab, waterproof membrane*, rigid insulating panel**, ceramic floor, stone floor, etc.
The installation surface must be smooth, clean, flat, compact, stable and mechanically resistant, and it must maintain these characteristics over time.
Fix the decking joists (PPL/5030/T) onto the support heads (PPLM/TD) using self tapping screws applied in the designated slots, ensuring that the position of the head tab alternates in relation to the joist (see image below).
Adjust the supports by turning the base (please note that the adjustment key cannot be used).
The distance between joists is generally indicated by the supplier of the boards, while the distance between supports along the joist depends on the intensity of pedestrian traffic (in any case distances less than 60 cm).
To increase system stability, connect the joists using the connection joint (PPL/TD/GR).
The T joint (PPL/TD/TT) allows the fixing of a second row of joists, perpendicular to the main row.
Fix the boards using the accessories supplied by the manufacturer.
No adhesives or other types of fixings are required.
It may be advisable to place a Profilpas rubber mat between the installation surface and the support (PPL/S or PPL/DLB).
Specialised labour is required to install the product.

* 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.



COMSUMPTION PER SQUARE METRE





SUPPORTS PER SQM

AxB (cm)	30	35	40
40	8,3	7,4	6,5
45	7,4	6,5	5,6
50	6,7	5,9	5

DECKING JOIST

A (cm)	m/mq
30	3,5
35	3,25
40	2,75

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

The distance between joists is generally indicated by the supplier of the boards, while the distance between supports along the joist depends on the intensity of pedestrian traffic (in any case distances less than 60 cm).

CARE AND MAINTENANCE

PP
It requires no special maintenance.

Aluminium
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

ART.		Cod.	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


S/28/39B


M/38/57B


L/56/91B


XL/87/150B


XXL/148/211B

EXTENSIONS FOR PP LEVEL DUO MAXI

ART.		Cod.	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


P1/10


P1/80TE

PP LEVEL DUO MAXI - DECKING

ART.		Cod.	Pack	Pallet
PPLM/TD	head for decking ***euro/pc (euro/pack)***	19258	48 pcs	3840 pcs
PPL/5030/T	natural aluminium joist for decking - section 50x30 mm - length 200 cm ***euro/m (euro/pack)***	19389	8 pcs	160 pcs
PPL/TD/GR	connection joint for decking joist ***euro/pc (euro/pack)***	19387	12 pcs	
PPL/TD/TT	T connection joint for decking joist ***euro/pc (euro/pack)***	19388	20 pcs	

no partial packaging


PPLM/TD


PPL/5030/T


PPL/TD/GR


PPL/TD/TT

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

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the PROFILPAS product installation.

The most up-to-date TDS can be downloaded from our website profilpas.com

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF PROFILPAS

PRESCRIPTION

Supply and installation of adjustable polypropylene supports with self-levelling heads for outdoor raised decks with self-supporting boards (type PP Level DUO MAXI – DECKING by Profilpas S.p.A.) for boards (...) cm.
The supports will consist of a 205 mm diameter base with holes for water drainage and equipped with an adjustable screw (...) mm with a safety lock. The self-levelling head must be able to compensate for slopes up to 5% and must be equipped with a tab featuring slotted holes for fastening the decking joist. The joist is provided with accessories such as a connection joint and a T-joint.
The installation must be carried out with care to ensure that the laying surface is smooth, clean, flat, compact, stable and mechanically resistant over time.
The base shall have rounded edges to prevent damage to any underlying membranes as well as pre-cut lines to facilitate on-site cutting of the supports. In addition, a removable insert must be provided to convert the support from self-levelling to fixed once applied to the screw before inserting the head.

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