



25 YEARS
GUARANTEE

EXPERT

INNOVATIVE SYSTEMS
FOR INSTALLATION
TERRACES



● ALUMINUM SUB- STRUCTURE (2)

ALUMINUM JOIST (6)

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EXPERT



COMPONENTS DELIVER- ING SUBSYSTEM RELIABILITY.

WoodMart Expert is a meticulously engineered structural foundation for terraces, developed collaboratively with design engineers and installation crews bringing over 20 years of practical field experience.

We do not rely on theory—it is from real-world projects that we identify which elements require reinforcement, where adjustments in approach are necessary, and how to deliver lasting structural durability.

WoodMart Expert components establish a stable, ventilated, and robust load-bearing structure, ensuring proper geometry and reliable surface performance across all environmental conditions.



EXPERT



WoodMart Expert — an integrated engineering subsystem that establishes the quality and durability of your complete terrace installation.



ALUMINUM SUBSTRUCTURE EXPERT



Versatile application across all specifications



Integration with the Expert system



Ideal for accessible roofs and terraces



Superior reliability and long-term durability



Reduces costs by up to 40%



Doubles installation speed



Lightweight construction with minimal profile height



Easy assembly and straightforward installation

ADVANTAGES



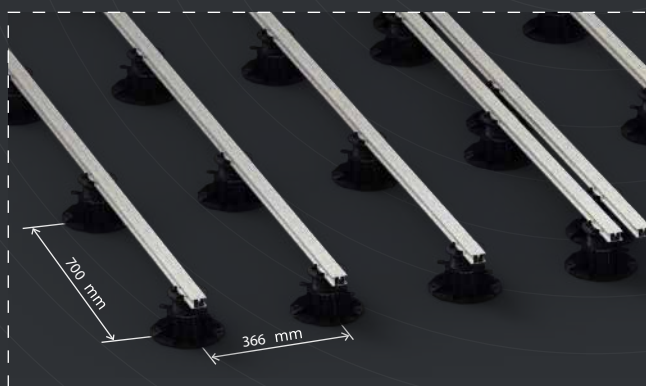
P 10 — connector elements for installation on both sides of the profile.

P 20 — connector elements for longitudinal connections.

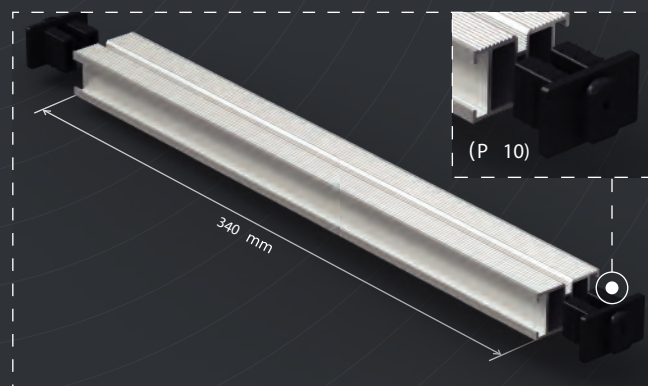
P 30 — connector elements for end (butt) beam connections.

SUBSTRUCTURE ASSEMBLY SYSTEM

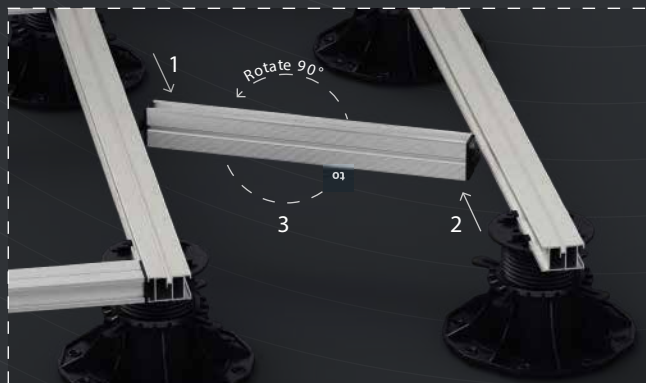
EXPERT MODULE



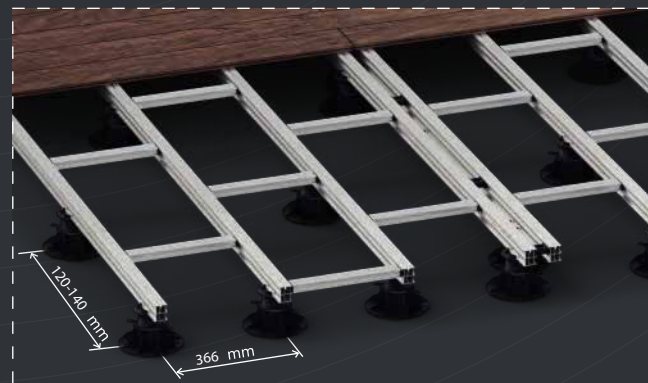
- (1) Position the adjustable supports on the prepared base and secure the aluminum joists in the dedicated clips mounted on top of the supports. The spacing between support centerlines is 70 cm maximum when using 25x40 mm joists, and 140 cm maximum when using 50x40 mm joists. 50x40 mm - a maximum of 140 cm.



- (2) Prepare a joist segment 340 mm in length and install P10 connector elements into both of its ends.



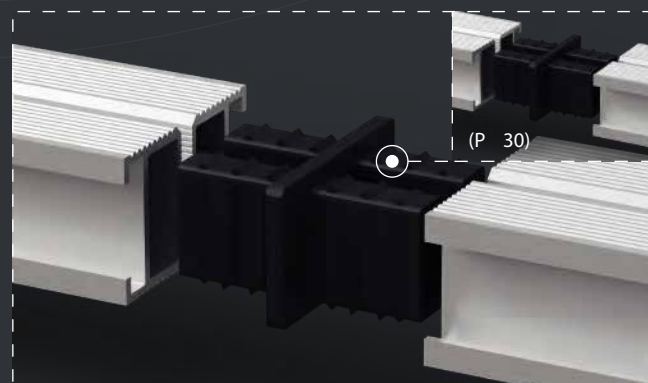
- (3) Connect the section to the guide joists using P10 elements. Insert the connecting elements into the slots on the guide joists and rotate the section 90 degrees to securely lock the frame assembly in place.



- (4) Secure the terrace board to the substructure in accordance with the installation instructions.

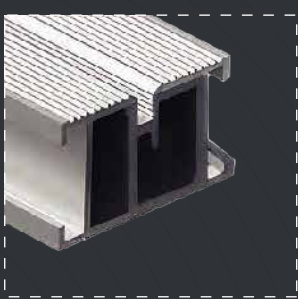


- (5) At points where longitudinal joists connect, the P20 fastening element must be used.



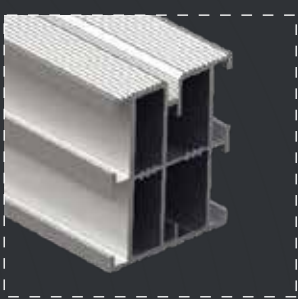
- (6) For end-to-end joist connections, the P30 connector element is the recommended solution. Support installation is required at these locations.

STAINLESS STEEL ACCESSORIES



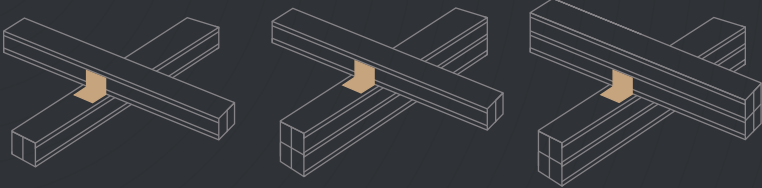
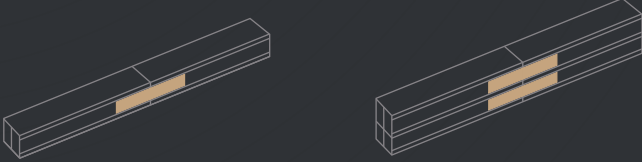
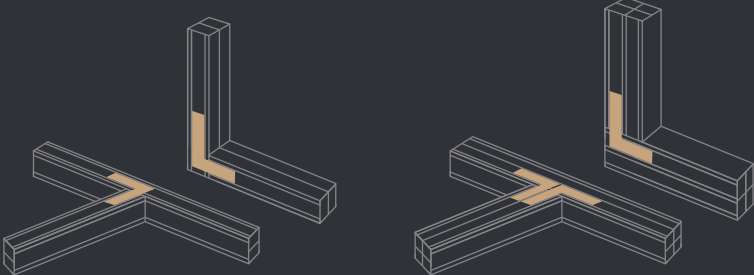
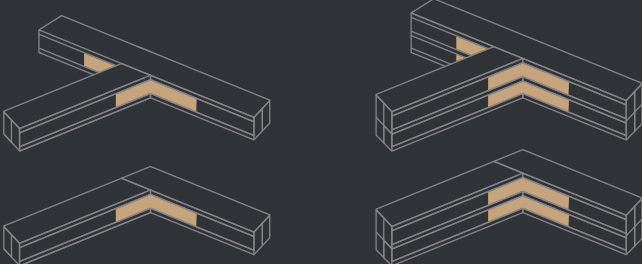
Aluminum Joist

40 x 25 x 3000 / 4000 mm



Aluminum Joist

40 x 50 x 3000 / 4000 mm

Cross Connector (X-shaped) 	
Longitudinal Connector (Splice Element) 	
External Corner (90° in Plane) 	
Internal Corner (Internal Joint 90°) 	

ADVANTAGES



Versatile application across all specifications



Integration with Expert system



Provides reliable fixation



Ideally suited for decking board fastening with the Smart-Click system



Low weight and high load-bearing capacity



Load-bearing element of Expert aluminum substructure

JOIST ALUMINUM EXPERT



LAGS

EXPERT

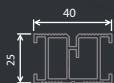
MATERIAL
Aluminum alloy EN
AW 6063 (TS)



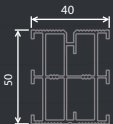
WPC — profile (composite



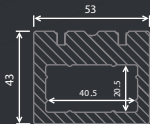
ALUMINUM LAGS



JOIST
40 × 25 mm



LAG
40 × 50 mm



REINFORCED 53 × 4
3 × 3000 mm

Bec	ALUMINUM LAGS				COMPOSITE LAGS
	40 × 25 × 3000 mm	40 × 25 × 4000 mm	40 × 50 × 3000 mm	40 × 25 × 4000 mm	53 × 43 × 3000 mm
Commercial property	2 kg	2.6 kg	3.6 kg	4.8 kg	4.6 kg
	DISTANCE BETWEEN SUPPORTS				
Private property					

STAINLESS ACCESSORIES EXPERT

Volumetric mounting elements for precise assembly of 90° corners.

Volumetric corner brackets Expert made of stainless steel designed to form internal and external 90° corners during installation of the load-bearing substructure.

Engineering geometry of brackets precisely corresponds to the profile of aluminum lags, which ensures installation without trimming and additional mechanical processing of the profile.



25 YEARS
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LONGITUDINAL CONNECTOR

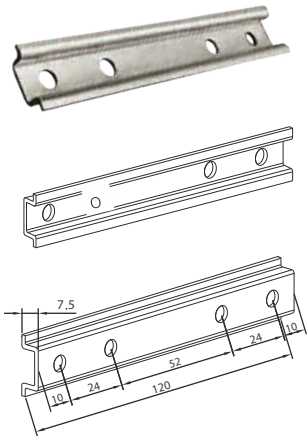
High-strength stainless steel connector 1.8 mm thick, designed for precise and reliable longitudinal joining of structural lags. Ensures precise alignment of the substructure and prevents displacement at the joint zone.

Used for building up the lag system and creating continuous load-bearing lines.

LONGITUDINAL
CONNECTOR
(JUNCTION ELEMENT)



ADVANTAGES



Integration with Expert system



Hidden installation without visible fasteners



Rigid and durable connection



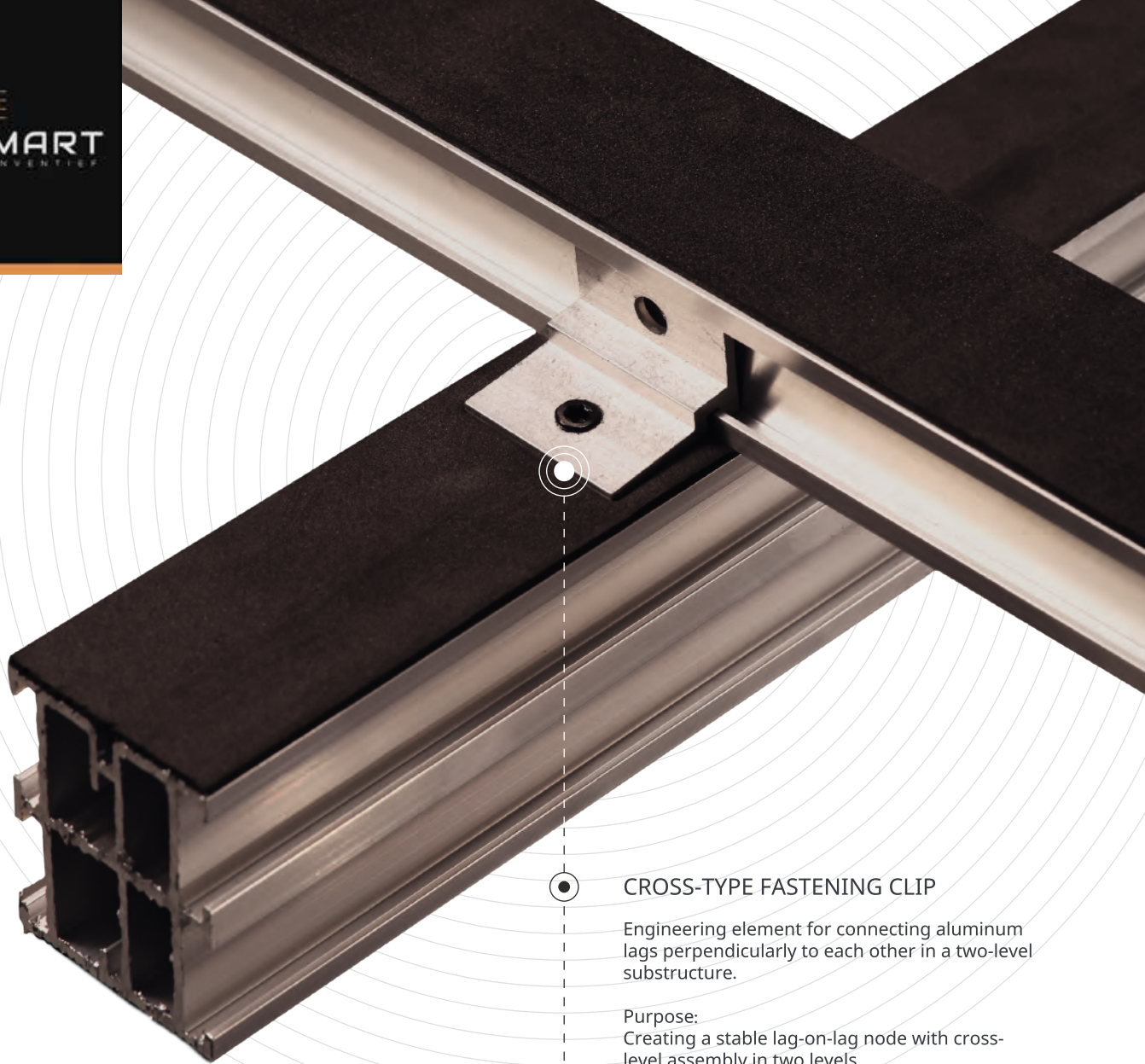
Prevents lags from shifting



Stainless steel 1.8 mm for enhanced corrosion resistance



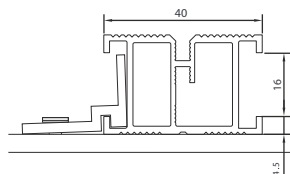
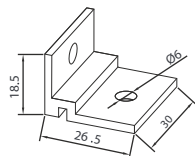
Resistance to moisture, salt exposure, and temperature fluctuations



CROSS-TYPE FASTENING CLIP

Engineering element for connecting aluminum lags perpendicularly to each other in a two-level substructure.

Purpose:
Creating a stable lag-on-lag node with cross-level assembly in two levels.



ADVANTAGES



Full integration with all elements of the Bruggan Expert system



Resistance to moisture, salt exposure, and temperature fluctuations



Without through fastening



Quick assembly — fixation with a single self-tapping screw



Perfectly maintains level and eliminates displacement



Allows regulating the upper lag along the front prior to final fixation



Stainless steel AISI 304

FASTENING CLIP FOR LAG MOUNTING (CROSSWISE)

EXTERNAL CORNER

Designed to form an external angle in a single plane — ensures rigid and precise lag connections.

Engineering corner elements providing high-precision and durable connections at 90°, without the need for profile modification.

ADVANTAGES



Integration with the Bruggan Expert system



Perfectly suited for aluminum lags
Bruggan Expert



Corner coating is resistant to moisture, salt, and temperature effects



Rigid and precise connection under load



Factory calibrated 90° angle for all joints



Hidden installation without visible fasteners



Reduction in on-site installation time



Installation without trimming thanks to bracket geometry adapted to the lag



Stainless steel AISI 304 — enhanced rigidity and corrosion resistance

EXTERNAL ANGLE (90° IN PLANE)

(INTERNAL 90° JUNCTION)

INTERNAL CORNER

Installed within the connection joint — creates a concealed and structurally rigid internal fastening.

Engineering angular brackets providing precise and durable 90° connections without the need for profile modification.

 ADVANTAGES

EXP Fully compatible with the Expert system

 Resistance to moisture, salt, and temperature effects

 Rigid and precise connection under load

 Reduction in on-site installation time

 Factory calibrated 90° angle for all joints

 Stainless steel 1.8 mm for enhanced corrosion resistance

 Hidden installation without visible fasteners

 Designed for the the Expert lag system

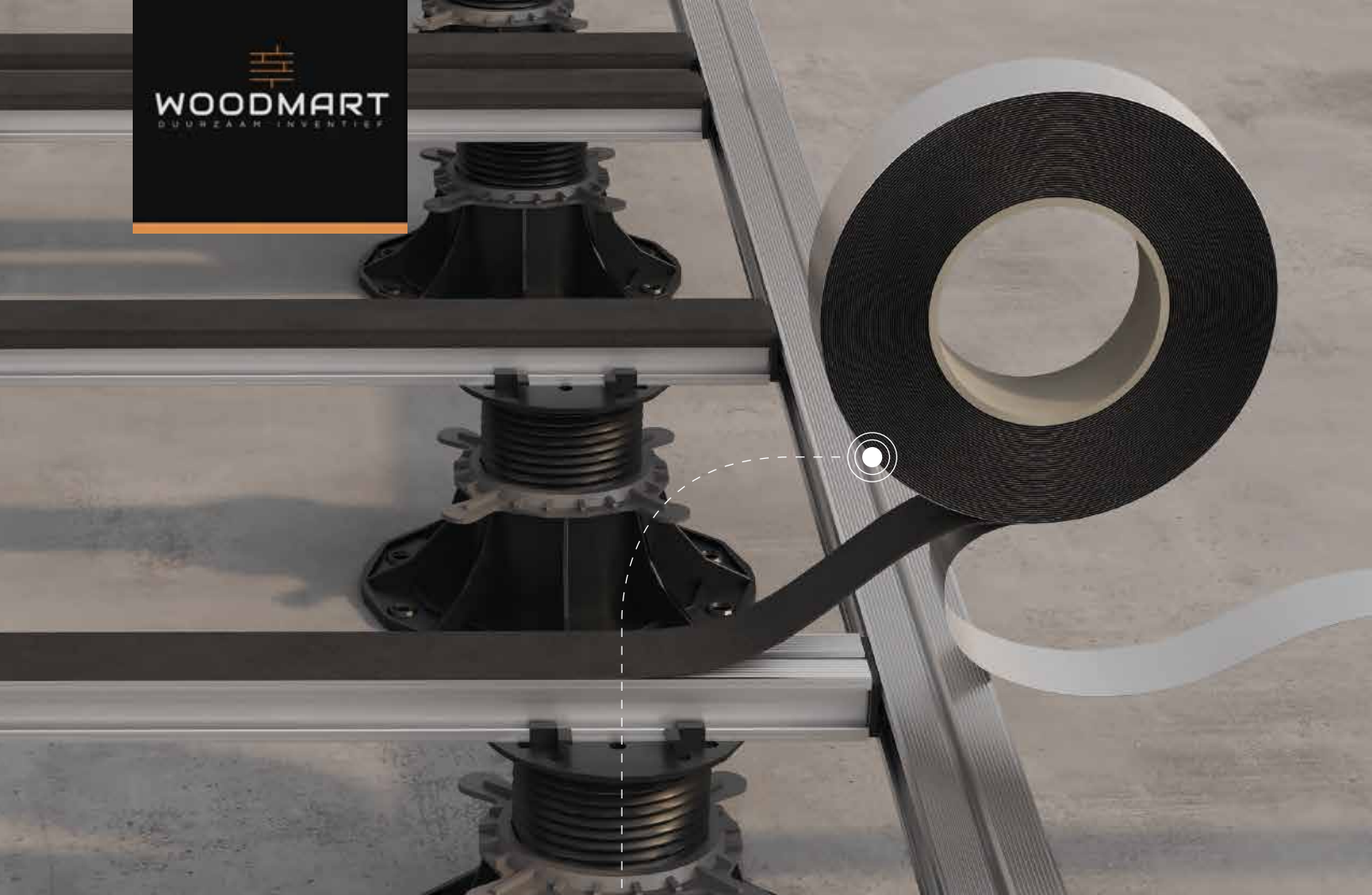
THIS IS THE OPTIMAL SOLUTION FOR PROFESSIONAL AND DURABLE CONSTRUCTIONS

Acoustic insulation tape provides reliable vibration and structural noise reduction when installing terraces and facade systems.

EXPERT

25 YEARS
GUARANTEE





ADVANTAGES

-  Versatile application across all specifications
-  Integration with the Expert system
-  Ideally suited for installation of decking and facade boards
-  Compatible with all types of lag
-  Hidden board installation without visible fasteners
-  Provides reliable fixation of flooring
-  Safe for waterproofing
-  Simple replacement of individual boards
-  Suitable for installation on aluminum substructures

TAPE (SIZE 40x2x20000)

Acoustic insulation tape provides reliable reduction of vibrations and structural noise during installation of terraces and facade systems.

Manufactured from elastic and wear-resistant polymer, it eliminates squeaks, dampens dynamic loads, and extends the service life of the substructure. Self-adhesive base ensures quick and reliable installation, guaranteeing precise and stable alignment of lag, supports, and substrate.

An ideal component for durable and high-performance

TAPE

SOUND-INSULATING

DD PEDESTAL SYSTEM EXPERT

Adjustable DD Pedestal supports — an integrated element of the Expert system, ensuring precise leveling and stability of the terrace structure. Durable materials enable withstanding high loads and operating in any climatic conditions.

Wide adjustment range helps compensate for uneven base, create different heights and accelerate installation. Supports ensure ventilation under the flooring, space for communications and allow quick replacement of individual flooring components.

Resistant to moisture, UV and temperature fluctuations, DD supports are ideal for terraces, balconies, roofs and all outdoor use zones.

DD Pedestal — a universal and durable solution that creates a reliable foundation for the Bruggan Expert system.



SUPPORT STANDARD



Versatile application across all specifications



Integration with the Expert system



Suitable for installation of terraces flooring and tile



Compatible with all types of lags



Universal height range from 30 to 220 mm



Height adjustment after installation



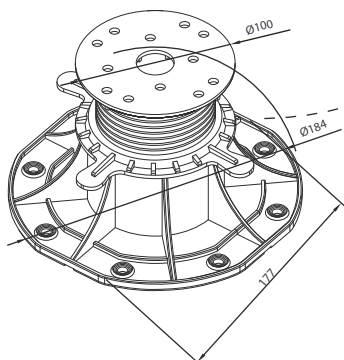
Quick and easy installation



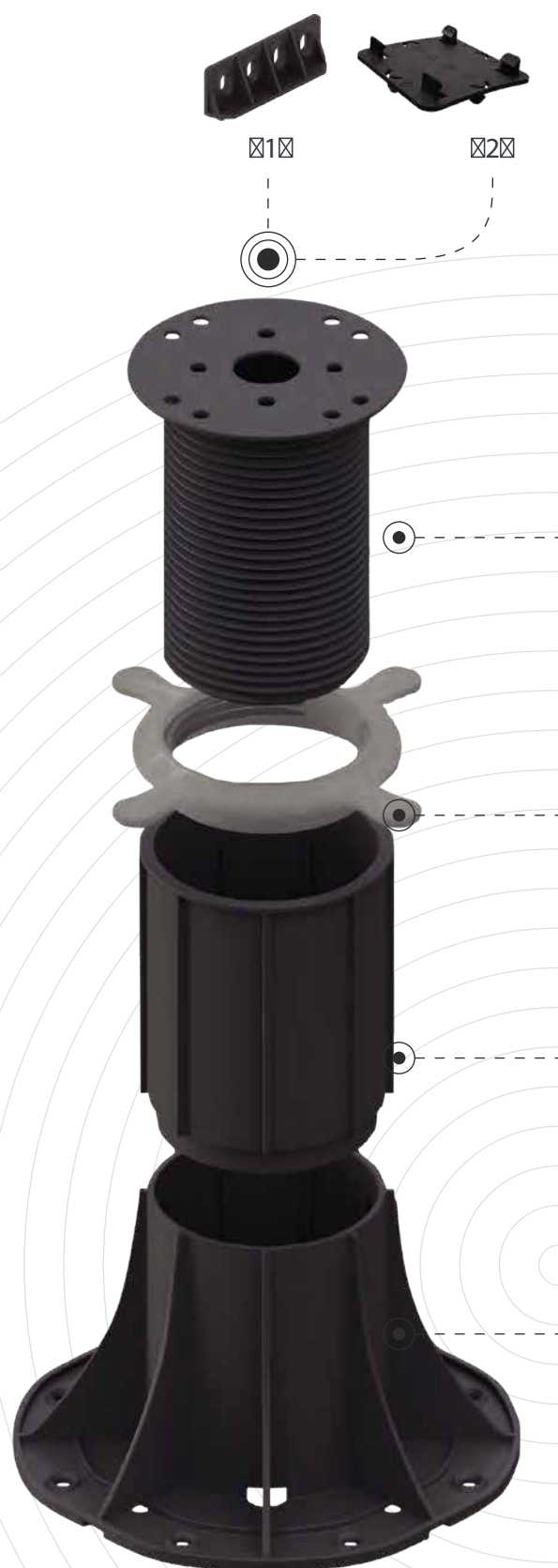
Moisture resistance and temperature fluctuation tolerance



High load capacity 1000 kg



CHARACTERISTIC COMPONENTS



LAG ADAPTER (1) is applied for mounting terraced boards on lags.

SMART-CLICK FOR ALUMINUM LAG
WoodMart EXPERT (2) allows you to quickly snap in the lag without self-tapping screws.

SCREW

A threaded element allows for height adjustment and provides stable support for the terraces

NUT

A fine adjustment nut allows you to change the height of the support by rotating it

ADDITIONAL NUT

An additional nut increases the adjustment range of the height of standard supports by 100 mm.

BASE

A durable base with lateral stiffening ribs increases the load-bearing capacity of the support

SPECIFICATION

STANDARD SUPPORTS

MATERIAL
Polypropylene

WARRANTY
1 year

SIZE
from 120 to 220 mm

LOAD CA-
PACITY
up to 1000 kg per
support

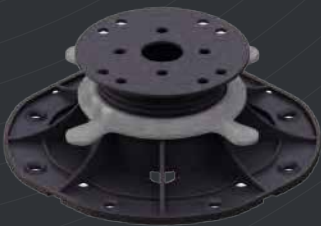
CONSUMPTION
9 pcs/m²



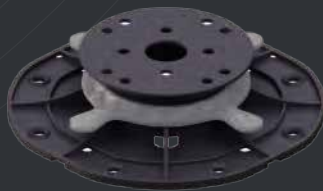
SIZE
120-220 mm



70-120 mm



45-70 mm



30-45 mm

STANDARD CONFIGURATION



Standard Support
Size from 120 to 220 mm

+ optional



Smart-click for aluminum lag

Allows you to quickly snap the lag into position without using self-tapping screws. Provides reliable fixation and significantly simplifies installation.



Adapter for lags

— suitable for aluminum, wooden and WPC profiles. Perfectly compatible with Bruggan and Legro systems, providing precise alignment and durable support.

ADDITIONAL COMPONENTS



Self-Leveling Head LE
Ø ~ 120 mm



Extension Sleeve DS 100
Ø 110 mm × 100 mm



Rubber Crumb Pad SBR 200
0 (3 mm)
200 × 200 × 3 mm



Backing made of SBR rubber
crumb 200 (8 mm)
200 × 200 × 8 mm



CLICK — ADAPTER FOR ALUMINUM LAG

The new Click system is an adapter that installs into a standard adjustable support and provides a connection to an aluminum lag EXPERT.

Click System — a modern mounting standard: speed, flexibility, and convenience in every detail.

Reliable fixation of the lag and uniform gaps across the entire surface.

EXPERT

SYSTEM
CLICK

FOR ALUMINUM LAGS



Complete Integration with the Expert system



Installation without self-tapping screws — simple "click" connection



Developed specially for aluminum lags - BrugganExpert



Provides reliable lag fixation



Post-installation adjustment



Simple replacement of individual lags



Fast and easy installation with no fixation to the base required



Load-bearing capacity of up to 1000 kg per support

ALUMINUM LAG
EXPERT

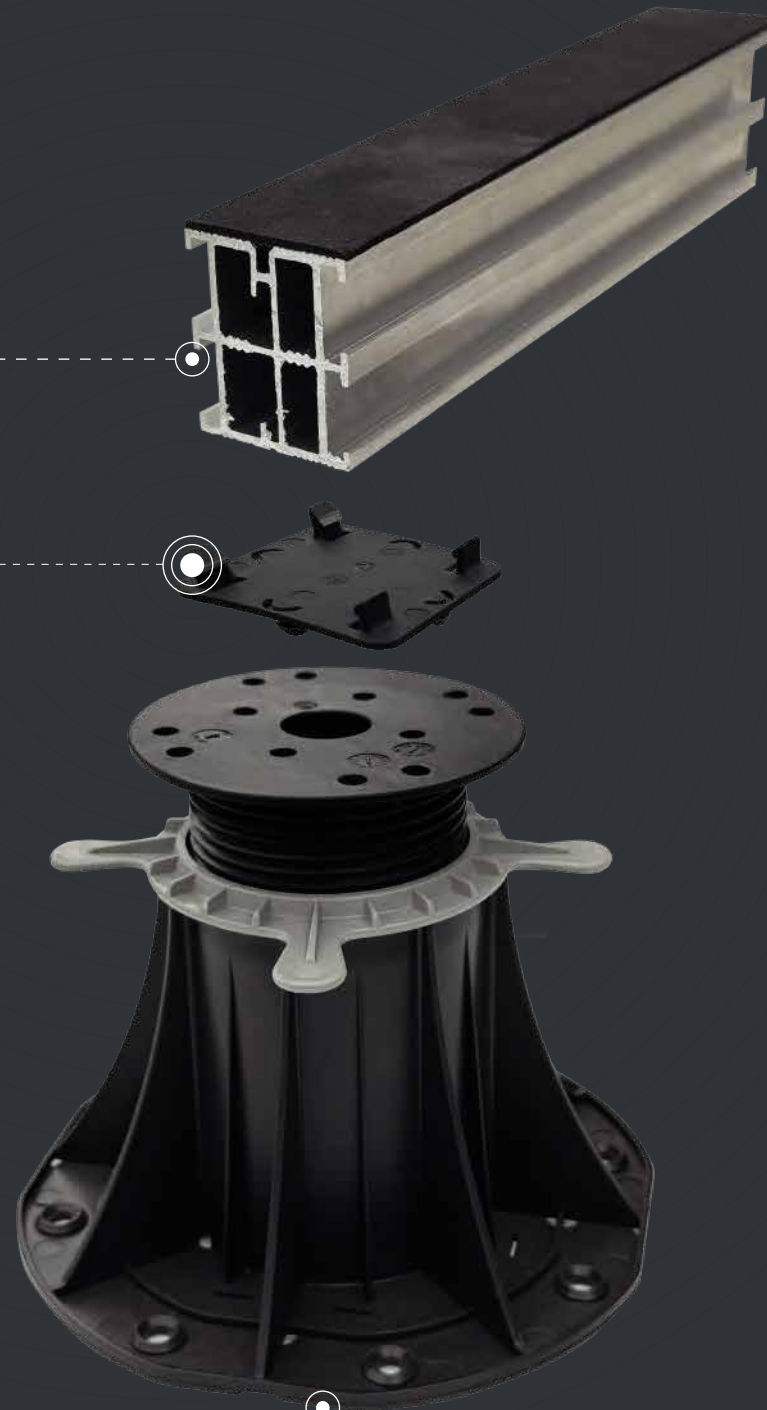
CLICK SYSTEM



ADJUSTABLE SUPPORT STANDARD

COMPONENT FASTENING METHOD

CLICK SYSTEMS



● ADVANTAGES



Complete Integration with the Expert system



Compatible with all types of lags



Post-installation adjustment



Provides reliable lag fixation



Fast and simple assembly



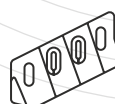
System slope adjustment up to 5°



Load-bearing capacity of up to 1000 kg per support

UNIVERSAL ADAPTER

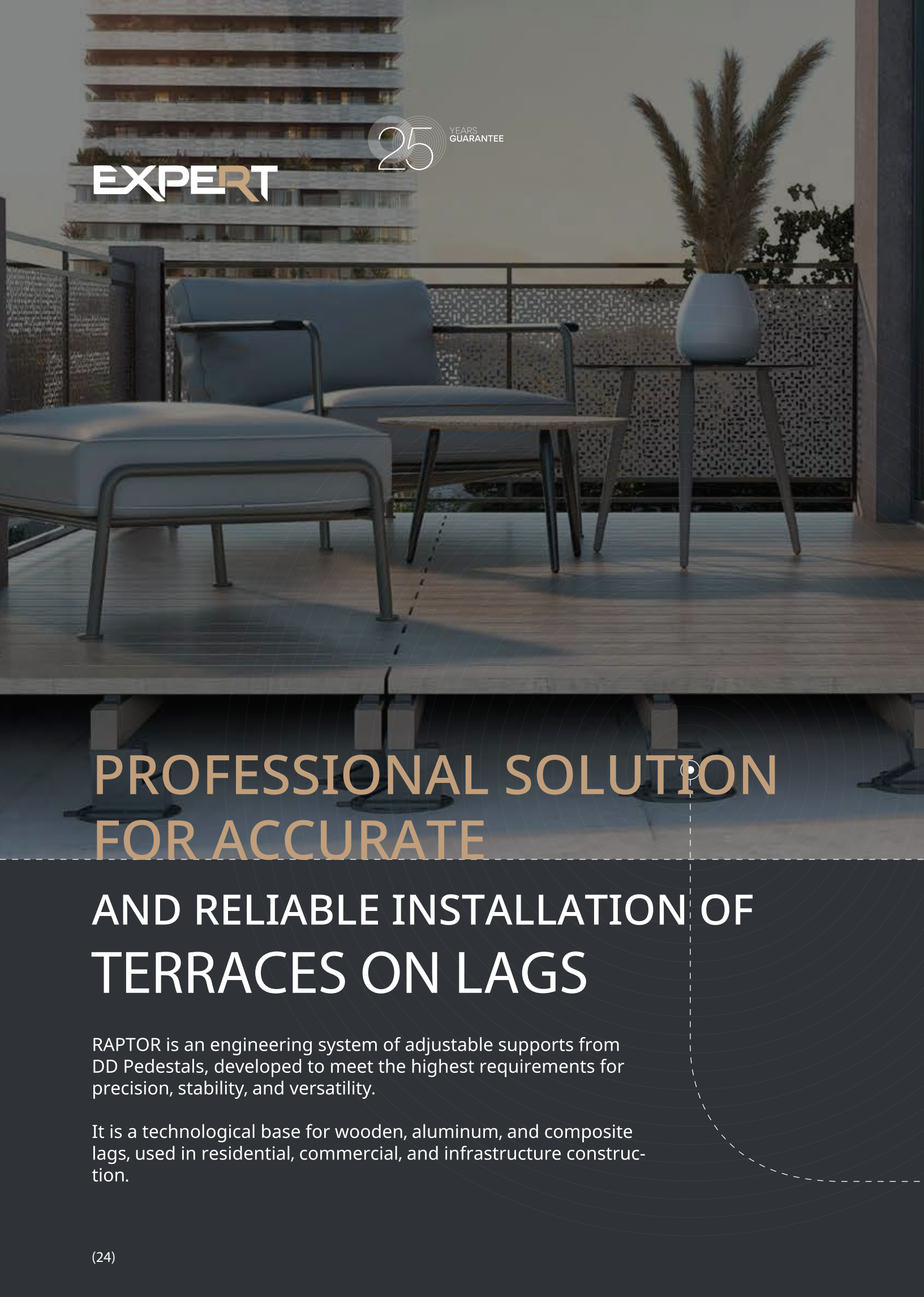
LAG



LAG ADAPTER

Universal adapter for all types of lags:
aluminum, wooden and WPC-profiles.

Ideally compatible with Bruggan and Legro systems, providing precise alignment and durable support.



EXPERT

25 YEARS
GUARANTEE

PROFESSIONAL SOLUTION FOR ACCURATE

AND RELIABLE INSTALLATION OF TERRACES ON LAGS

RAPTOR is an engineering system of adjustable supports from DD Pedestals, developed to meet the highest requirements for precision, stability, and versatility.

It is a technological base for wooden, aluminum, and composite lags, used in residential, commercial, and infrastructure construction.

COMPATIBILITY

		Bruggan Multicolor	Bruggan Expert 180	Bruggan Expert 160
Standard Clip		Nº7	Nº7	Nº7
Start- Finish Clip		Nº7	Nº7	Nº7
ProClip Universal Universal Clip		+	+	+
Deckfix Multicolor Clip		+		+
Locking Clip		+	+	+



PERFECT FOR
MULTIPLE DECK PATTERNS



SYSTEMS

EXPERT



Versatile application across all specifications



Integration with the Expert system



Ideal for Terraces Board



Provides Reliable Fixing
of Terraces Board



Hidden board installation without
visible fasteners



Stainless Steel

EXPERT

DECKFIX MULTICOLOR

CLIP FOR TERRACE BOARDS BRUGGAN MULTICOLOR

Reinforced stainless steel clip with black coating provides reliable and durable fastening of Bruggan Multicolor terrace boards.

A 5.5 mm gap improves ventilation under the terrace and ensures rapid moisture drainage. The clip design allows easy replacement of individual boards without disassembling the entire terrace. The kit includes a stainless steel screw for fastening to metal lags.

ADVANTAGES

**EXP
ERT** Integration with the Expert system

 Provides reliable fixation of terrace boards

 Compatible with aluminum and wooden lags

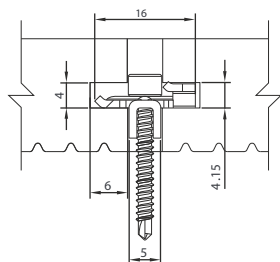
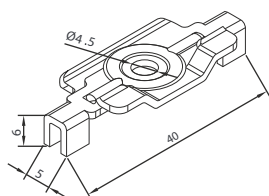
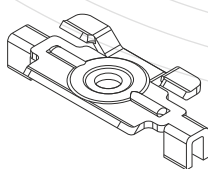
 Quick and efficient installation

 Provides ideal gap between boards

 Simple replacement of individual boards

 Hidden board installation without visible fasteners

 Suitable for aluminum or steel bearing structures





YEARS
GUARANTEE

ADVANTAGES

-  Versatile application across all specifications
-  Full Integration with all elements of the the Expert system
-  Compatible with composite board and natural wood
-  Provides reliable fixation of terrace boards
-  Hidden board installation without visible fasteners
-  Simple replacement of individual boards
-  Suitable for aluminum or steel load-bearing structures

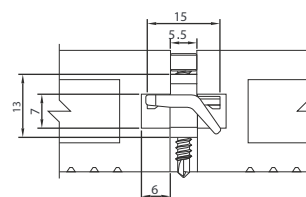
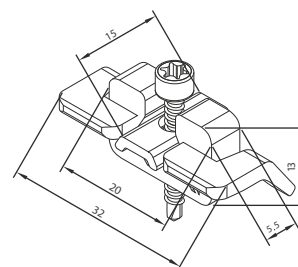
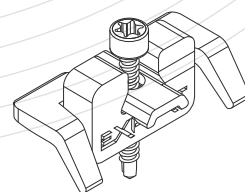
UNIVERSAL CLIP FOR TERRACE DECKING

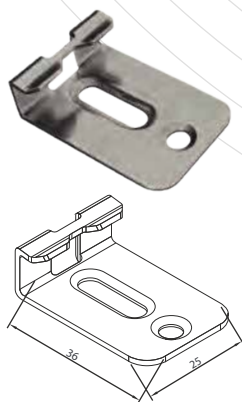
PRO Clip is a professional hybrid clip combining stainless steel strength with a polymer element that reduces stress and prevents edge chipping.

The precise gap of 5.5 mm ensures proper ventilation and rapid moisture drainage, maintaining stable terrace geometry. The design allows easy replacement of individual boards without dismantling the entire terrace, and the universal profile guarantees compatibility with most WPC and composite material systems.

The kit includes a stainless steel screw for fastening to metal and aluminum lags.

PROCLIP HIDDEN CLIP





ADVANTAGES

Stainless steel clip for securing the first and last board. Ensures hidden installation and neat, aesthetic appearance of the terrace surface.

Installs quickly and reliably, eliminating the need for visible fastening elements on the board surface



Versatile application across all specifications



Integration with the Expert system



Compatible with all types of lags



Minimal compensation clearance



Hidden board installation without visible fasteners



Quick and efficient installation



Provides reliable fixation of terrace boards



Simple replacement of individual boards



Universal for installation on aluminum substructures

START-FINISH CLIP

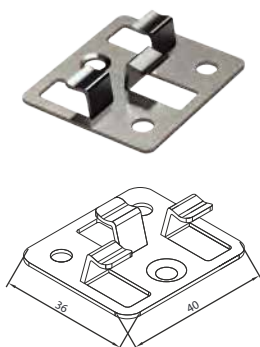
STANDARD STAINLESS CLIP

STANDARD CLIP

Reliable fastening clip for hidden installation of terrace flooring. Made from stainless steel AISI 304 with a thickness of 1.2 mm.

Provides rigid fixation and a mounting gap of 3–4 mm between boards. Resistant to moisture and temperature fluctuations. Optimal for private and commercial terraced systems.

ADVANTAGES



Full compatible with the Expert system



Reliable fastening of terrace board



Suitable for all types of lag



Quick and efficient installation



Provides ideal gap between boards



Simple replacement of individual boards



Hidden board installation without visible fasteners



Suitable for installation on aluminum substructures



RETAINING CLIP

(FOR PROCLIP AND DECKFIX SYSTEMS)



RETAINING CLIP

Specialized locking clip for ProClip and DeckFix systems rigidly fixes the terrace board along its length, ensuring stable flooring geometry.

Prevents longitudinal displacements caused by temperature deformations of the material, extends the structure's service life, and guarantees flawless results for years to come.



ADVANTAGES



Versatile application across all specifications



Integration with the Expert system



Stainless steel — enhanced corrosion resistance



Precise stabilization of flooring between boards



Reliable board fixation



Simple replacement of individual boards



Provides ideal geometry for terraced decking



Hidden board installation without visible fasteners



MOUNTING SYSTEMS EXPERT

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WOODMART
DUURZAAM INVENTIEF

EXPERT

25 YEARS
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