



exterpark

DECKING REINVENTED

TECH SUPREME S



Presenting **Exterpark TECH SUPREME S**, the epitome of advanced decking boards worldwide. Its extruded solid body, comprising Asa, glass fiber, foamed PVC, and calcium carbonate, ensures unmatched performance. With an ultra-matt shield finish, it boasts the most realistic wood grain appearance. Achieving the best fire performance (B) and an R11 anti-slip rating guarantees safety and style in one exceptional package.

COMPOSITION

Capping Material:

- 100% Acrylonitrile Styrene Acrylate Copolymer (ASA)

CORE MATERIAL:

NEW Double fiberglass embedded for improved performance and stability

- 50% Foamed Polyvinyl Chloride (PVC)
- 40% Calcium Carbonate (CaCO₃)
- 10% Chemical Additives

ASSETS

- Patented profile with an invisible gap
- Patented installation system: **The Magnet S**
- Installation with no screws
- 100% accessible
- Easy installation and maintenance
- 2x faster
- All-weather resistant
- Termite and insect-proof
- Low surface maintenance
- Barefoot-friendly heat build-up (EN 15534-1-2014+A1-2017)

Board weight: 12.9 kg/m²

Board weight + Magnet accessories: 14.9 kg/m²

Warranty: 25 years*

*misuse or bad installation is not covered

PHYSICAL AND MECHANICAL PROPERTIES

Modulus of elasticity	36.2 Mpa	(EN ISO 178)
Hardness	7144 N	(DIN EN1534)
Tensile strength	25.2 Mpa	(ASTM D638)
UV-proof	grey scale 4-5	(ASTM G154-16 Cycle 1)
Flexural strength	22 Mpa	(ASTM D7032/D6109)
Flexural stiffness (MOE)	1433 MPa	(EN ISO 178)
Water absorption	~2.00%	(ASTM D570)
Density	1.39 gr/cm ³	(EN ISO 1183-1)
Coefficient of Thermal Expansion	46,2-10 mm/mm/°C	(ASTM E1640)
Abrasion resistance	~0.116 gr	(ASTM D4060-14)
Resistance to fungus	Very resistant	(ASTM G21)
Low-cost transport	15% lighter than normal composite	

OFFICIAL PERFORMANCE TESTS

Loading capacity	UNE-EN 12825:2002; (Exterpark Tech Supreme S + Aluminum joists + Pedestals)	4000 kg/m ²
Wind load resistance test in accordance with ETAG 034	Suction test: 4500 pa - 320 km/h Pressure test: 3000 pa	
Golf car test	Traction and fatigue the Magnet S	
Weathering Xenon Arc Exposure *2000 hrs	Colour change / Moderate Effect Chalking / No effect Blistering / No effect	Checking / No effect Cracking / No effect Flaking / No effect
Slip resistance according to UNE-ENV 12633:2003	Class 3Rd > 45 R11 (best class requested for outdoor flooring and humid areas)	
Fire resistance (EN 13501-1:2007 +A:2009)	B(f)-S1	



 the magnet



ASSEMBLY

NO SCREWS
NO PREDRILLING
NO TOOLS
NO NOISE
2× FASTER

TOTAL ACCESSIBILITY

MAINTENANCE FRIENDLY
EASY SUBSTITUTION
OF BOARDS
ENLARGED SERVICE LIFE
RELOCATION POSSIBILITIES

REUSABLE 



STANDARD PROFILE WITH OPEN GAPS

VS



EXTERPARK INVISIBLE PROFILE

COLOUR RANGE & SIZES



ASH



IPE



OAK



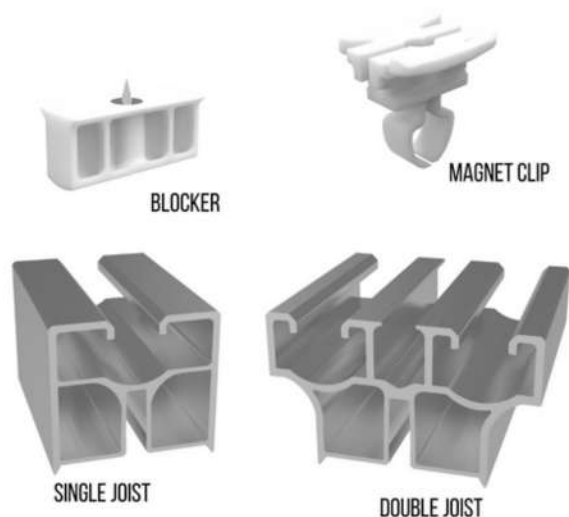
BURMA



STRAND

23X100X2200 MM
23X145X2200 MM
WALL DIMENSION: 20X145X2200 MM

MAGNET INSTALLATION KIT



BLOCKER

MAGNET CLIP

SINGLE JOIST

DOUBLE JOIST



The **Magnet S clip** is the cornerstone of the system. The key is strength with the right flexibility. Fully made of POM, a high-performance engineering thermoplastic with excellent dimensional stability even in extreme conditions. Strong yet flexible, with a low friction coefficient and, high abrasion resistance.

Blocking:

Leave a 4 mm separation between boards for optimum drainage. Blocking units ensure excellent performance and prevent longitudinal misplacement.



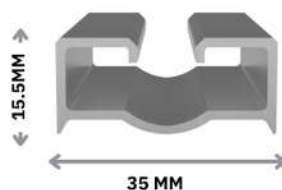
L profile / Edge Board:

The **Double clip joist** for the short-end connection is a must for the good performance of the product. It has a 4 mm indicative spacing mark for the expansion gap.

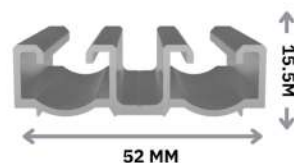


ALUMINUM JOISTS

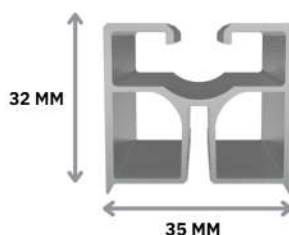
LOW SIMPLE



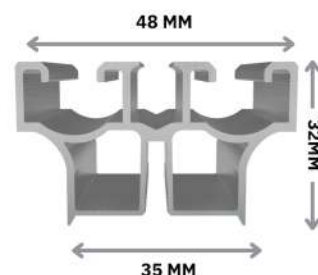
LOW DOUBLE



SINGLE



DOUBLE

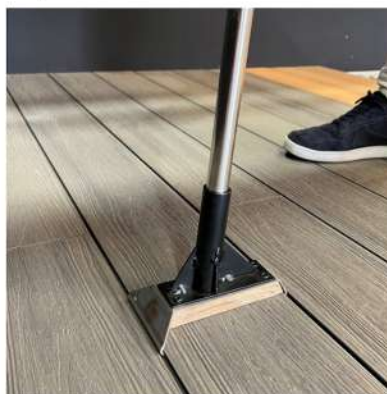


A SOLID ROCK FOUNDATION

- Improved loading capacity to more than 4000 kgs/sqm
- Superior mechanical properties to hold clips
- Upgraded stability: remain straight, will not warp or decay
- Enlarged service life
- Save costs and time by using fewer pedestals
- Fixed lengths of 2200mm

MAGNET TOOL

Opens boards in **2 seconds**



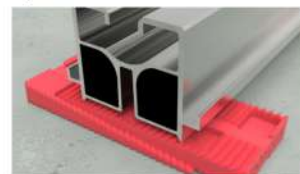
HEIGHT-ADJUSTABLE PEDESTALS

From 5 cm up to more than 1 meter



WEDGES

From 5 mm and up to 50 mm





the magnet

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EXTREME DURABILITY

The Magnet S clip is genuinely fully made of Polyoxymethylene (POM) featuring mechanical and physical properties such as high mechanical strength and rigidity, excellent fatigue and impact resistance, as well as resistance to moisture, lubricants, and solvents.

Essential for the performance of the clip system this material also has excellent dimensional stability, good electrical insulating characteristics, naturally resilient and self-lubricating.

Typical applications for injection-molded POM include high performance engineering components. The material is widely used in the automotive and consumer electronics industry.

FULL PERFORMANCE IN ANY ENVIRONMENT

Withstands -40 °C to +90 °C
Density of 1.410–1.420 g/cm³
Melting point of 178 °C



Durability Test (Test report no. 221.I.2103.271.EN.01): durability under compression test overpass 2'000,000 million cycles with no visible damage on the structure or the mechanical locking (*Magnet system*)

TECHNICAL DATA

Mechanical Properties	Value	Test Standard
Tensile modulus	2300 MPa	ISO527-1/-2
Yield stress	56 MPa	ISO527-1/-2
Yield strain	18%	ISO527-1/-2
Nominal strain at break	35%	ISO527-1/-2
Flexural modulus	2100 MPa	ISO178
Flexural stress at 3.5%	60 MPa	ISO178
Tensile creep modulus		
1 h	2300 MPa	ISO899-1
1000 h	1200 MPa	ISO899-1
Thermal Properties		
Melting temperature	178 °C	
ISO11357-1/-3		
Temp. of deflection under load		
1.8 MPa	78 °C	ISO75-1/-2
0.45 MPa	146 °C	ISO75-1/-2
Vicat 50°C/h, 50N	140 °C	ISO306
Coef. of linear thermal expansion		
Parallel	130 E-6/K	ISO11359-1/-2
Normal	120 E-6/K	ISO11359-1/-2

CLASSIFICATION FOR OUTDOOR SUITABILITY:

F1

the material meets both UV and water immersion requirements
UL 746C



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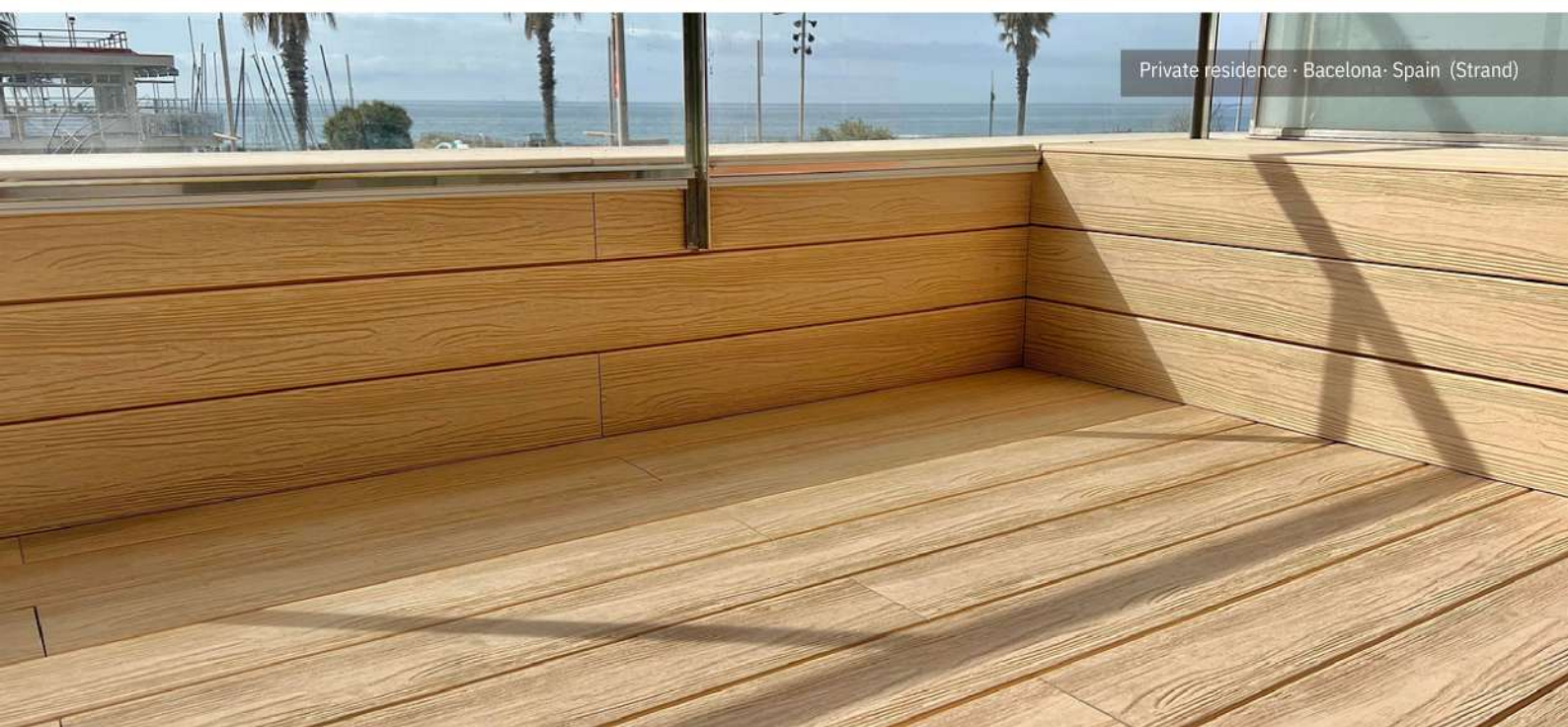
PROJECTS



Marsa al Arab · Dubai · UAE - 35.000m2 (Burma)



Sky Tower · Limassol · Chipre (Oak)



Private residence · Barcelona · Spain (Strand)

· INVENTED & MANUFACTURED IN BARCELONA · PATENTED WORLDWIDE ·



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YVYRA app

