

Thinking For The Future



SMART
PLOT

SMARTPLOT

INNOVATIVE
PEDESTAL SYSTEM

Smartplot Pedestal

Global Presence and Reliability

The SmartPlot pedestal System offers a range of innovative tools and components designed for efficient, durable, and professional-grade installation of tiles and decking.

SmartPlot is a trusted brand featured in many prestigious projects in Turkey and around the world, offering solutions for terraces, balconies, dry pools, and square floor coverings, supported by quality certifications and eco-friendly materials.

As Turkey's first manufacturer of raised floorsystems, our company provides significant advantages over traditional mortar systems, ensuring easier installation and long-term use for architects, project managers, contractors, and end-users.

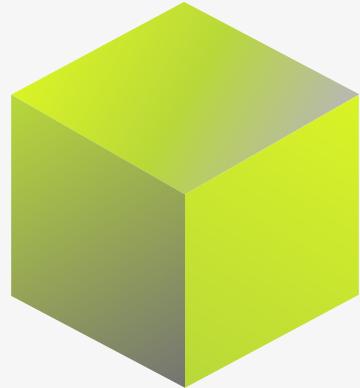


Sustainable Innovation

SmartPlot's eco-friendly, adjustable pedestals are made with 100% recyclable materials and support LEED certification. Backed by over 30 years of experience in landscaping, we offer innovative solutions for raised floors, surface coverings, and green roofs, with a strong focus on R&D.



How Does It Work ?



Introducing SmartPlot Easyclips W

The SmartPlot is an innovative pedestal system designed for the installation of side-grooved wooden, WPC deck or stone. It is primarily used on railmounted aluminum frames, ideal for surfaces such as terraces, balconies, walkways, and other outdoor spaces.

Easy and Secure Installation

This fastening system ensures that sidegrooved deck boards are securely fixed on to aluminum frames with C-channels using a rotating lock clip.

The unique feature of the SmartPlot Aluminium Easyclips W system is that it eliminates the need for screws during installation, making the process quicker and more efficient.

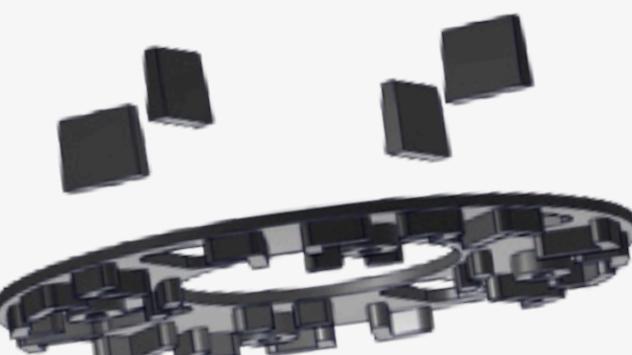
Key Features

-  The SmartPlot System offers a range of innovative tools and components designed for efficient, durable, and professional-grade installation of tiles and decking.
-  Provides automatic slope correction up to 5%, ensuring a perfectly even surface regardless of substrate irregularities.
-  Facilitates faster laying, reducing overall installation time and ensures rapid outflow of water, helping to prevent water stagnation.
-  Provides secure locking with adjustable hooks and flexible plate springs for a stable connection.
-  Enables quick and easy disassembly and reassembly, reducing maintenance time and effort.

Description Of The Components



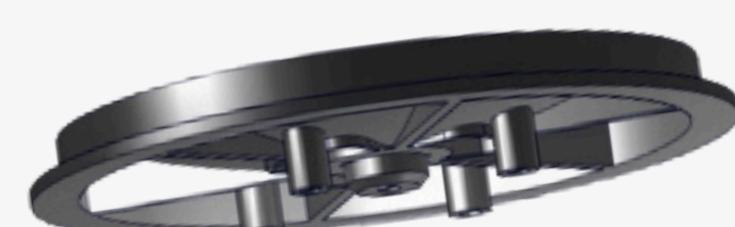
SmartPlot Joints



SmartPlot Shim



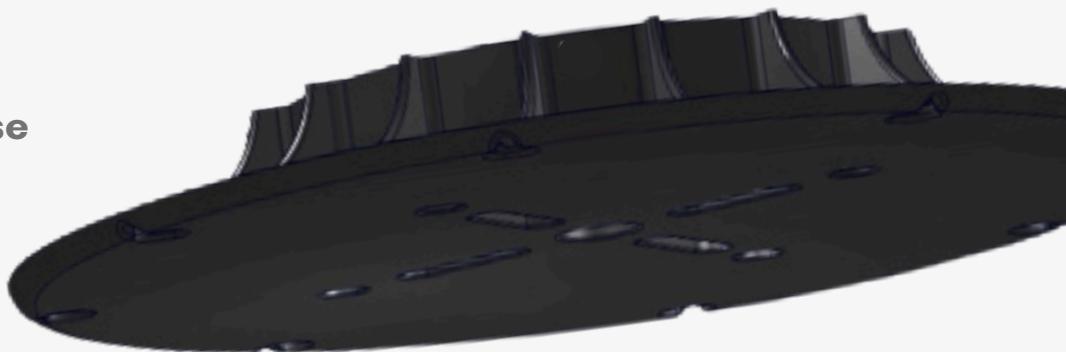
SmartPlot Slope
Corrector*



SmartPlot Lower
Top Adjustable



SmartPlot Top



SmartPlot Base

*Automatic slope correction up to 5%

SMARTPLOT INNOVATIVE PEDESTAL SYSTEM

The SmartPlot System offers a range of innovative tools and components designed for efficient, durable, and professional-grade installation of tiles and decking.

SmartPlot is Armada Groupe's new pedestal brand offering solutions for terraces, balconies walkways, and other outdoor spaces. As Turkey's first manufacturer of raised floor systems, our company provides significant advantages over traditional mortar systems, ensuring easier installation and long-term use for architects, project managers, contractors, and end-users.

Advanced Solutions

The SmartPlot Innovative Pedestal System delivers advanced solutions for precise and efficient tile and decking installations.

With tools designed to save time and effort, it ensures durable, professional-grade results, making it the top choice for elevated floor projects.

Automatic slope correction

The SmartPlot Self-Leveling Head automatically corrects slopes up to 5%, delivering a perfectly even surface on uneven bases—ideal for outdoor installations.

Its anti-shock design protects tiles and decking, while the lightweight yet durable build ensures easy handling and lasting performance.



SMARTPLOT

SmartPlot pedestal has two types application: with aluminum frame for Decking or stone and from top adjustable for stone. Top Adjustment allows height adjustments directly from the top of the pedestal for ease of use. The stone is fixed by with joint clips.



SMARTPLOT WOOD

On SmartPlot pedestal with aluminum frame for Decking; Rail system ensures that sidegrooved deck boards are securely fixed on to aluminum frames with C-channels. Aluminium Easyclips W system is that it eliminates the need for screws during installation.



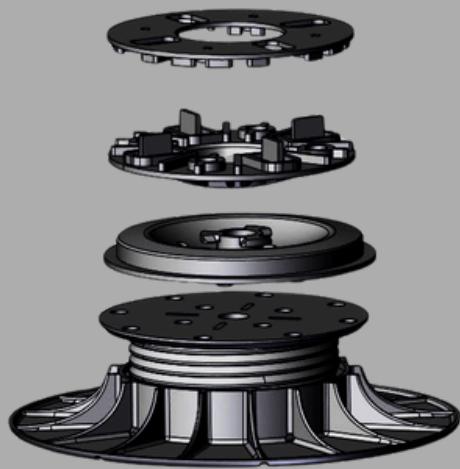
SMARTPLOT STONE

Stone application can be done in 2 ways depending on the detail; from top Adjustment system allows height adjustments directly from the top of the pedestal or fixed by with joint clips with aluminium frame.

Smartplot

TOP ADJUSTMENT

The SmartPlot Pedestal System offers cutting-edge tools and components that streamline the installation of tiles and decking. Designed for efficiency, precision, and durability, this system is the preferred choice for professionals working on elevated floor projects.



The Professional's Choice for Elevated Flooring

The SmartPlot pedestal system is designed to optimize both time and effort, making it a preferred choice for professionals working on elevated floor installations.

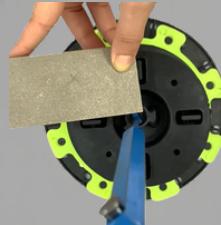
SMARTPLOT TOP ADJUSTMENT

The SmartPlot System offers a range of innovative tools and components designed for efficient, durable, and professional-grade installation of tiles and decking.



Top Adjustment

Allows height adjustments directly from the top of the pedestal.
Simplifies the process and improves accessibility during installation.



SmartPlot TopKey

A specialized tool for top-down height adjustments, significantly reducing installation time, especially for ceramic or porcelain tiles.



Lateral Adjustment

Ensures precise tile alignment and consistent spacing.
Guarantees a flawless, professional finish.

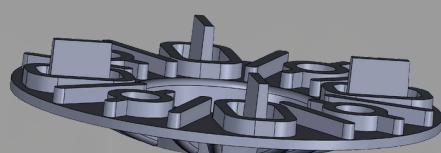


SmartPlot Pocket Key

Facilitates quick adjustments without dismantling components, ensuring precise height modifications for greater on-site efficiency.

SmartPlot Self-Leveling Head

Automatically corrects slopes up to 5%, compensating for substrate irregularities.
Ideal for outdoor installations, delivering a perfectly even surface even on uneven bases.



Smartplot

RAIL SYSTEM

The SmartPlot Rail System offers a versatile and durable solution for elevated flooring installations. Designed for both tiles and decking, it simplifies the process while ensuring efficient water drainage and impact resistance. With its double-sided design and advanced features, it provides reliable support and stability, making it ideal for residential and commercial projects alike.

Versatility and Precision for Elevated Flooring

SmartPlot Rail System facilitates faster installation by reducing setup time, ensures rapid water drainage to prevent stagnation, and provides full tile support for enhanced stability and load distribution.



SMARTPLOT RAIL SYSTEM

The SmartPlot Rail is an innovative aluminum joist offering dual functionality for versatile tile and decking installations. Here's what makes it stand out:

Key Advantages



LIGHTWEIGHT

Provides protection for tiles and decking by preventing impact damage.



SHOCK RESISTANCE

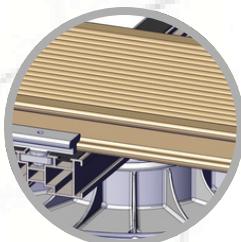
Designed for durability while being easy to handle and install.



COMPATIBILITY

The Joist is compatible with tiles and decking for versatile installations.

Key Features



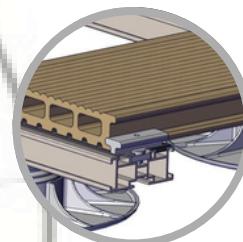
DOUBLE-SIDED DESIGN

Designed for both **ceramic** and **stone** tiles with precise 4 mm joints, and for securely supporting **wood** or **composite** decking, offering versatile installation options.



RAINWATER DRAINAGE

Features two slots for TPE gaskets, offering **noise absorption** and **enhanced stability** by reducing vibrations.

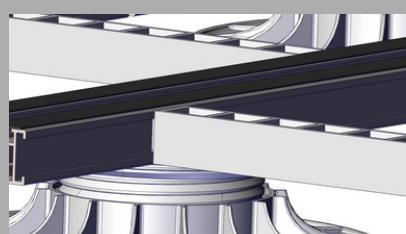
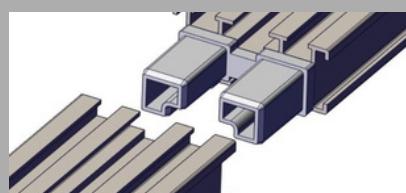


TPE GASKET SLOT

Equipped with a slot for rapid outflow of rainwater, ensuring proper drainage and reducing the risk of water pooling.

Why Choose Smartplot Rail System ?

- Precision and Durability:** Crafted from robust aluminum for long-term reliability and consistent performance.
- Efficient Installation:** Simplifies the laying process for both tiles and decking, saving time and effort.
- Versatility:** Compatible with a wide range of materials and layouts, making it a comprehensive solution for diverse projects.



Decking

FLOOR SYSTEM

A modular and versatile flooring solution for seamless decking installations. It uses a screwless fastening system where side-grooved wooden or WPC composite boards are attached to aluminum frames with C-channels. Rotating lock clips secure the boards firmly in place, preventing slippage. The screwless design allows easy detachment by rotating the clips, enabling quick dismantling and reuse. Compatible with wood or WPC frames featuring C-type top channels, it ensures durable, efficient, and flexible installations.



KEY FEATURES

Quick installation



This system removes the need for screwing during deck installation. Thanks to its screwless design, the clips can be easily detached from the frame by rotating them 90 degrees counterclockwise, making it possible to dismantle the decking and reuse the clips.

Without using screw



Additionally, the system is compatible with frames made from the same materials as the deck boards, such as wood or WPC, as long as the frames are manufactured with C-type top channels. The installation of wood or WPC coverings on aluminum profiles is thus achieved without using screws.



ADVANTAGES

01. Transformative Spaces

Elevates flat roofs into stunning, habitable terrace spaces.

Ensures seamless transitions and premium aesthetics across different flooring types.

02. Efficiency & Simplicity

The modular system and click-in features reduce installation time significantly.

The streamlined design eliminates the need for complex adjustments or fixings.

03. Durability & Performance

Built to handle large-format and heavy materials without compromising stability.

Resistant to environmental stresses, ensuring long-lasting, flawless finishes.

TILE FLOOR SYSTEM

The Tile Floor Rail System is a modular flooring solution designed for seamless installation of stone, and ceramic tiles in various shapes, sizes, and finishes. Ideal for projects requiring mixed materials, it combines innovation, durability, and ease of installation to create stunning, long-lasting results.



KEY FEATURES

Double-Sided Design



For Ceramic and Stone Slabs:
Features a 3 mm cross design,
perfect for various tile formats.

For Wood and Composite
Boards: Designed to securely
support wooden or composite
decking boards.

Rainwater Drainage



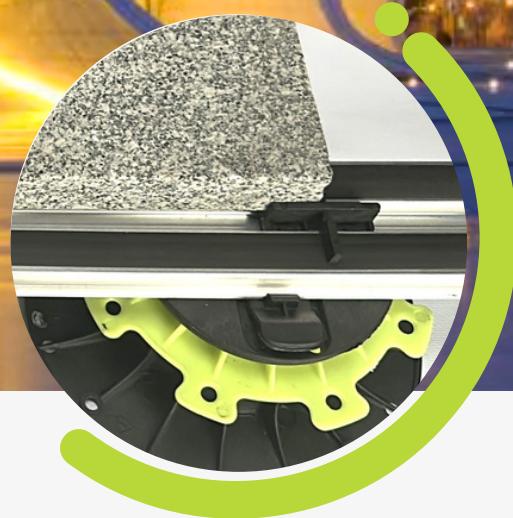
Equipped with a slot for rapid
outflow of rainwater, ensuring
proper drainage and reducing
the risk of water pooling.

TPE Gasket Housing



Includes two housings for TPE
(Thermoplastic Elastomer)
gaskets to ensure:

- Noise Absorption: Reduces impact and footstep sounds.
- Enhanced Stability: Minimizes vibrations for better surface integrity.



ADVANTAGES

The SmartPlot Rail sets a new standard for modular flooring systems by combining adaptability, precision, and practicality.

01. Precision and Durability

Made from robust aluminum, this system ensures long-term reliability and consistent performance. Its precise design guarantees proper alignment, providing a stable and durable flooring solution.

02. Efficient Installation

Streamlines the installation process for both tiles and decking, reducing time and effort. Its user-friendly design makes assembly quick and hassle-free.

03. Versatility

Compatible with various materials and layouts, this system offers a flexible solution for different project requirements, ensuring a seamless finish across applications.

What We Offer

OUR PEDESTALS

SmartPlot Rail System



SMPLAL101
SmartPI_AL_15-30
22-37 mm



SMPLAL102
SmartPI_AL0
33-42 mm



SMPLAL103
SmartPI_AL1
42-57 mm



SMPLAL104
SmartPI_AL2
57-87 mm



SMPLAL105
SmartPI_AL3A
87-147 mm



SMPLAL106
SmartPI_AL4A
147-267 mm



SMPLAL107
SmartPI_AL5A
SmartPI_AL4A + 1x SPR



SMPLAL108
SmartPI_AL6A
SmartPI_AL4A + 2x SPR



SMPLAL109
SmartPI_AL7A
SmartPI_AL4A + 3 x SPR



SMPLAL110
SmartPI_AL8A
SmartPI_AL4A + 4x SPR



SMPLAL111
SPR
60 mm

SmartPlot Top Adjustment

**SMPLT100****SmartPI_15-30**

37-52 mm

**SMPLT101****SmartPI_T0**

48-57 mm

**SMPLT102****SmartPI_T1**

57-72 mm

**SMPLT103****SmartPI_T2**

72-102 mm

**SMPLT104****SmartPI_T3A**

102-162 mm

**SMPLT105****SmartPI_T4A**

162-282 mm

**SMPLT106****SmartPI_T5A**

SmartPI_T4A + 1x SPR

**SMPLT107****SmartPI_T6A**

SmartPI_T4A + 2x SPR

**SMPLT108****SmartPI_T7A**

SmartPI_T4A + 3x SPR

**SMPLT109****SmartPI_T8A**

SmartPI_T4A + 4x SPR

**SMPLT110****SPR**

60 mm

OUR ACCESSORIES

<p>SMPLAL001</p>  <p>SmartPIAI_Easyclip WPC rotary lock</p>	<p>SMPLAL002</p>  <p>SmartPIAI_Easylock_W WPC click lock wood</p>	<p>SMPLAL003</p>  <p>SmartPIAI_Easylock_S WPC click lock stone</p>	<p>SMPLAL004</p>  <p>SmartPIAI_(+)Joint (+)Click lock joint</p>
<p>SMPLAL005</p>  <p>SmartPIAI_Staircase cover_Top Top stair tread closure</p>	<p>SMPLAL006</p>  <p>SmartPIAI_Profile Bege Profile connection</p>	<p>SMPLAL007</p>  <p>SmartPIAI_Profile Closure Profile closure</p>	<p>SMPLAL008</p>  <p>SmartPIAI_Stairbase Cover Stair base closure</p>
<p>SMPLAL009 + SMPLAL010</p>  <p>SmartPIAI_L_Horizontal Corner Holder_R&L Right&left L-horizontal corner bracket</p>	<p>SMPLAL011</p>  <p>SmartPIAI_L_Triangle Diagonal Triangular diagonal L- bracket</p>	<p>SMPLAL012</p>  <p>SmartPIAI_Wind_Stabilizer Anchor wind stopper</p>	<p>SMPLAL013</p>  <p>SmartPIAI_Easy_Profile Binding Stabilizer Profile fastening arm</p>
<p>SMPLAL014</p>  <p>SmartPIAI_Easy_Profile Strabe Lock Profile fastening arm hanger lock</p>	<p>SMPLAL015</p>  <p>SmartPIAI_Aluminium Profile Aluminium profile</p>	<p>SMPLAL016</p>  <p>SmartPIAI_Aluminium Profile Acoustic Band Aluminium Profile with Acoustic Band</p>	<p>SMPLAL016-1</p>  <p>SmartPIAI_Acoustic Band Acoustic Band</p>
<p>SMPLAL017</p>  <p>SmartPIAI_Perimeter Retractor Perimeter retractor</p>	<p>SMPLT001-002-003</p>  <p>SmartPlot Head : SmartPII_Top SmartPII_Lower SmartPII_Shims</p>	<p>SMPLT004</p>  <p>SmartPII_T_Top Key SmartPlot Top Adjustment Key</p>	<p>SPAC006</p>  <p>Adjusting Shim 2 mm</p>

OUR ACCESSORIES

SPAC007  Adjusting Shim 5 mm	SPAC010  J47 Joint demontable 4,7 mm	SPAC014  SPAC014 JCN Joint Demountable for Corners	SPAC017  JW47 Wall Joint Wall Joint
SPAC018  SC20 Slope corrector 2 %	SPAC019  SC30 Slope corrector 3 %	SPAC028  SF30 Protection Pad (3*200*200mm)	SPAC029  SF50 Protection Pad (5*200*200mm)

TECHNICAL INFORMATION

Technical Specifications

Visible defect: None
Material: Polypropylene
Color: Black
Operating temperature: -30°C to 70°C

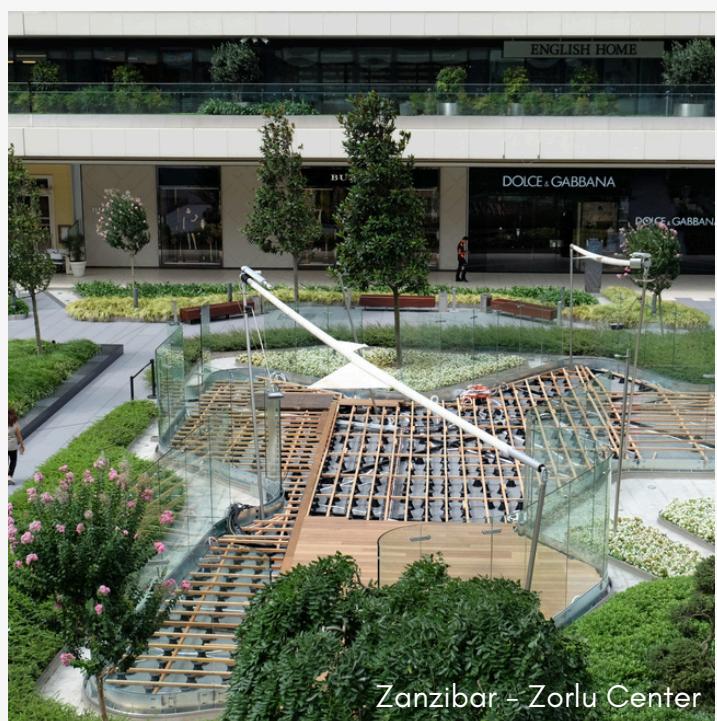
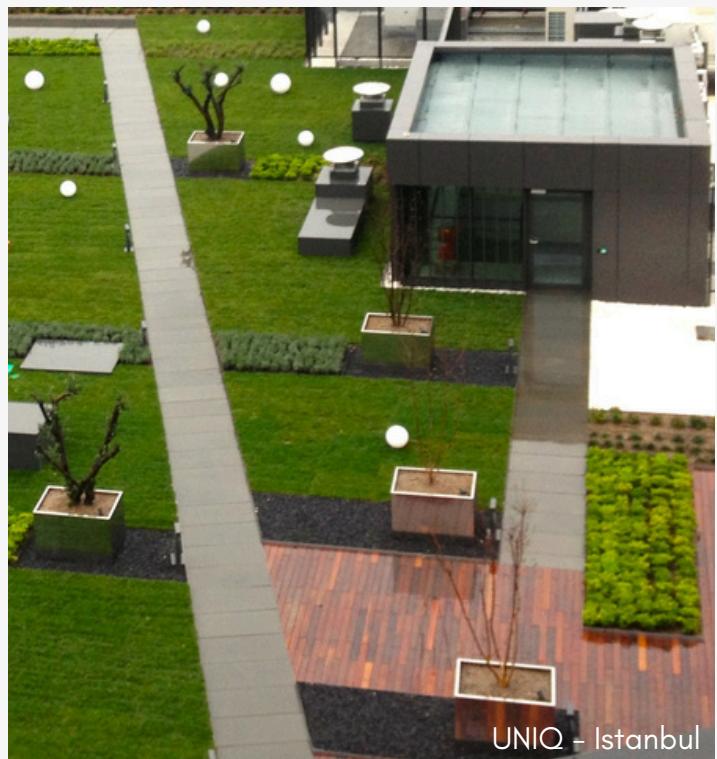
Usage Quantity

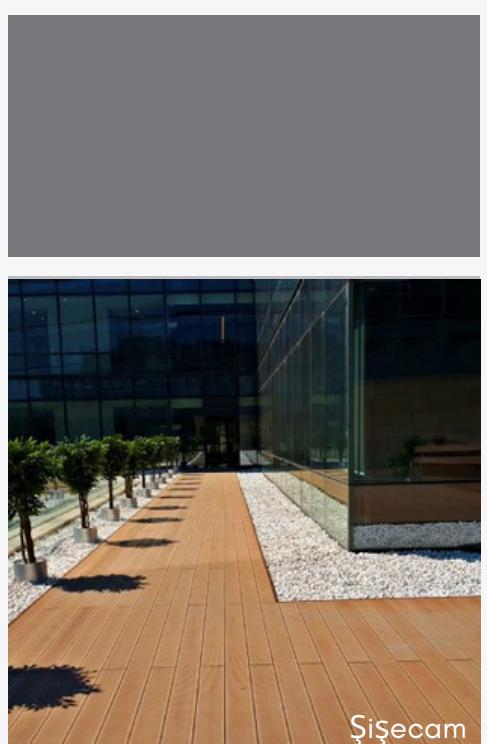
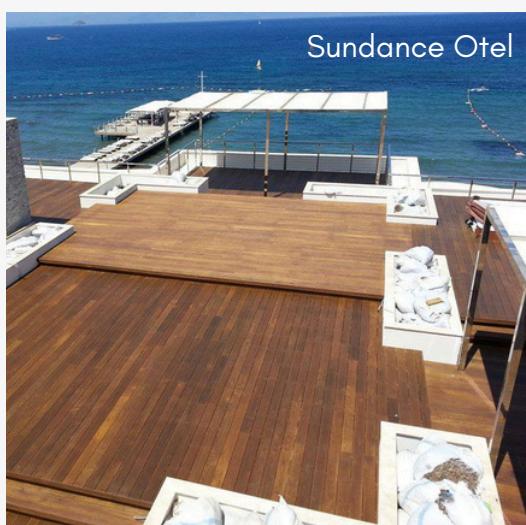
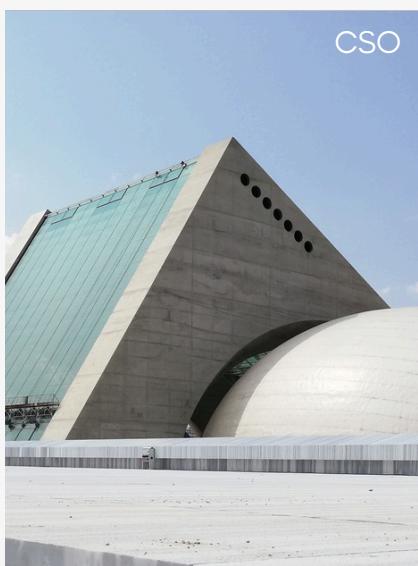
Tile Size | Pieces / m²
40 × 40 cm | 6.25 – 7.80
50 × 50 cm | 4.00 – 5.00
60 × 60 cm | 2.78 – 4.00

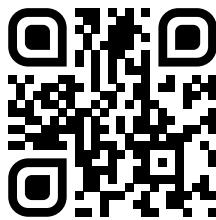
Test Method

Raw Material	Standard	Unit	Result and Tolerance
Density determination	TS 2827 – ISO 2781	g/cm ³	0.898 ± 0.10
Hardness	TS 1181 – EN ISO 868	Shore A	85 ± 5
Tensile strength	TS 1967 – ISO 37	MPa	19.7 ± 5%
Elongation factor	TS 1967 – ISO 37	%	12 ± 17%
Ash determination	TS 336 – ISO 247	%	5.1

Some Of Our References







SmartPlot

INNOVATIVE PEDESTAL SYSTEM

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(*) The SmartPlot system uses SurPlot raised flooring pedestals. SmartPlot products are composed of innovative accessories adapted to SurPlot pedestals.