



 **DECKADO**

**PRODUCT  
CATALOGUE**

 **ADO**



[deckado.com](http://deckado.com)

# ABOUT US

With its modular flooring solutions, the company is a certified organization holding quality certificates issued by internationally recognized measurement and standardization institutions.

In today's world, where environmental awareness is increasing day by day, composite wood stands out as one of the most environmentally friendly choices for outdoor flooring applications. Deckado is an outstanding composite wood product that combines efficiency, environmental responsibility, and high quality through advanced and innovative manufacturing technology.

For Deckado, protecting the environment and handling raw materials in an environmentally responsible manner is just as important as delivering superior-quality composite deck products. Due to weathering caused by climatic conditions, surface resistance, longevity, and durability are essential quality factors that play a critical role in outdoor environments.

A pleasant breakfast on your terrace, a sunset barbecue, enjoying the sun by the pool on your lounge chair, or a relaxing walk in your garden after a long day's work... Even though your outdoor spaces are regularly exposed to heavy use following these joyful moments, Deckado modular flooring solutions are designed to withstand demanding conditions.



**ECO - FRIENDLY,  
& WEATHER - RESISTANT**



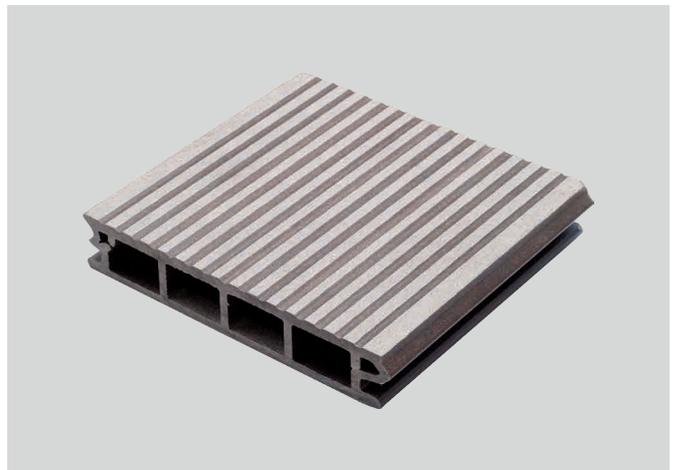
## PRODUCTS

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Deckado Classic  
140 mm Floor Covering



Deckado Classic  
163 mm Floor Covering



Deckado Classic 150 mm Floor Covering





DECKADO is an environmentally-friendly and ecological product produced by using recyclable polymer and hard wood fibers.

Different from wood, Deckado is not Affected by damage caused by pests and insects, it is noteworthy thanks to its antibacterial properties. It is resistant to moisture and humidity. Cracking, disintegration, distortion, flexure do not occur in the product

## ACCESSORIES

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Aluminium  
F Profile



Composite  
Side Cover



30x50 mm  
Base Board



Metal  
Clips



Edge Cover  
Cap



60x40 mm  
L Side Cover



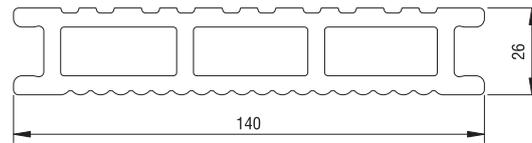
Initial  
Clips



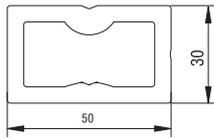
# TECHNICAL SPECIFICATIONS



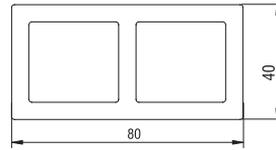
## 140x26 mm Technical Specifications



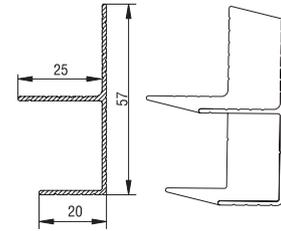
140 mm Floor Covering



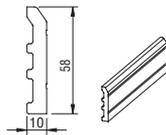
30x50mm  
Base Bar



40x80mm  
Base Bar



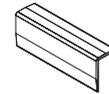
Stairway Detail  
Solution Profile



Floor Covering  
Side Bar



Floor Covering  
Fitting

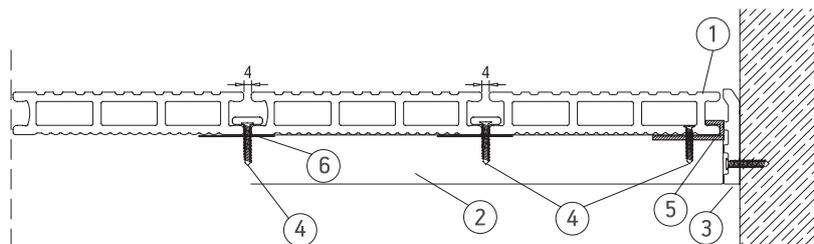
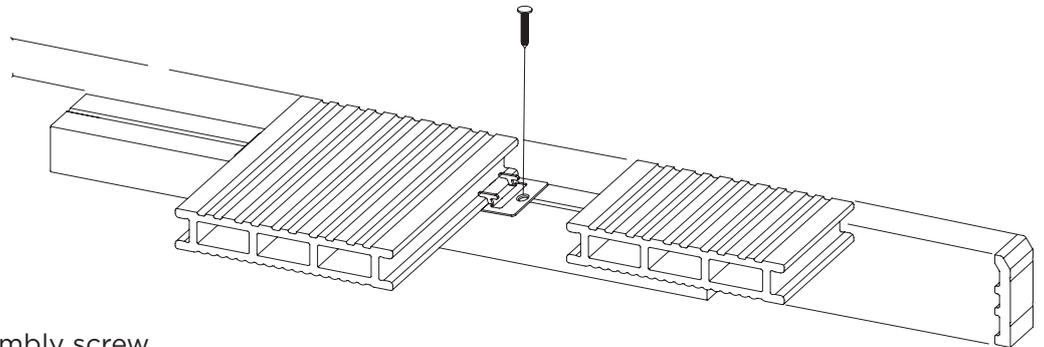


60x40mm  
L Side Profile

## Assembly Details

### FLOORING COVERING ASSEMBLY

1. 140 mm floor covering
2. 30x50 mm base bar
3. Floor covering side bar
4. Floor covering fitting assembly screw
5. Initial fitting
6. Floor covering fitting

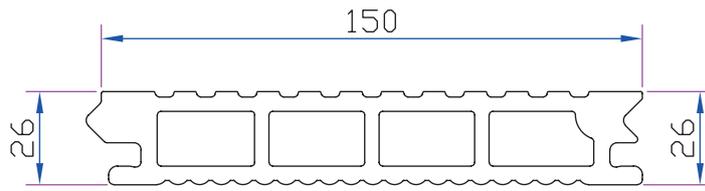


Panel width is 140x26 mm. As it is mounted with a joint gap, it is preferred for floor coverings in open areas. It does not cause water and dust accumulation.

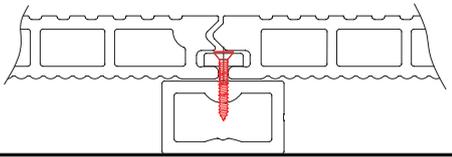
It is designed with special grooves to prevent slipping.

The sides and corners of the applied areas are closed with 58 mm side bars.

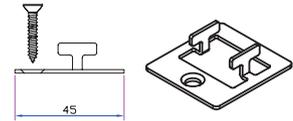
# 150x26 mm Technical Specifications



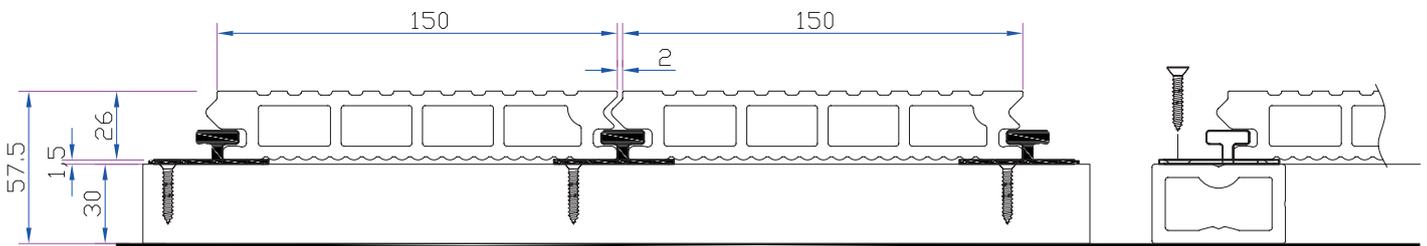
150 mm Floor Covering



Plastic Fitting Application

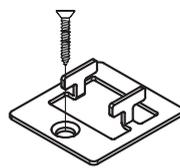


Metal Fitting

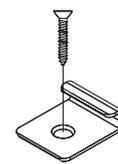


Metal Fitting Application

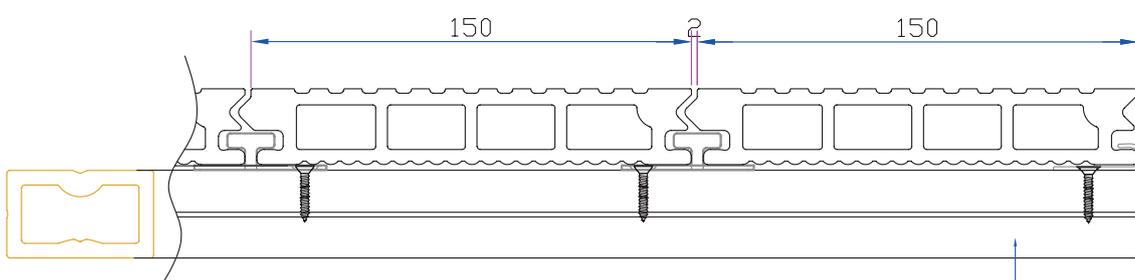
# Assembly Details



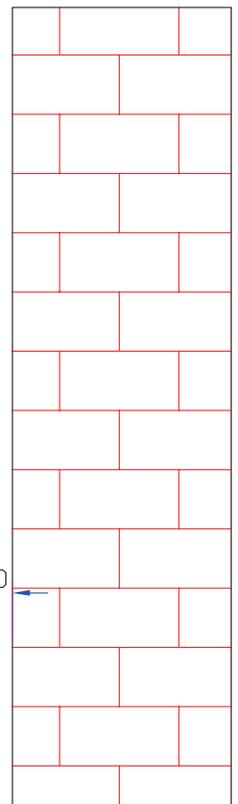
Metal Fitting



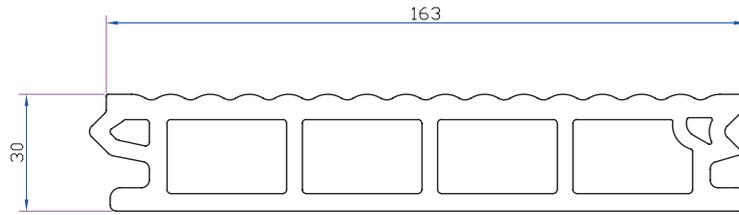
Initial Clips



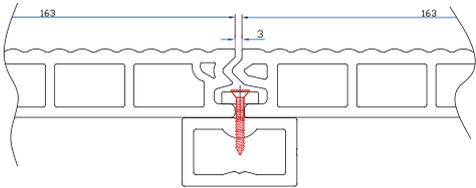
30x50 mm Base Composite Bar



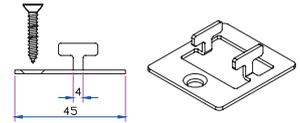
# 163x26 mm Technical Specifications



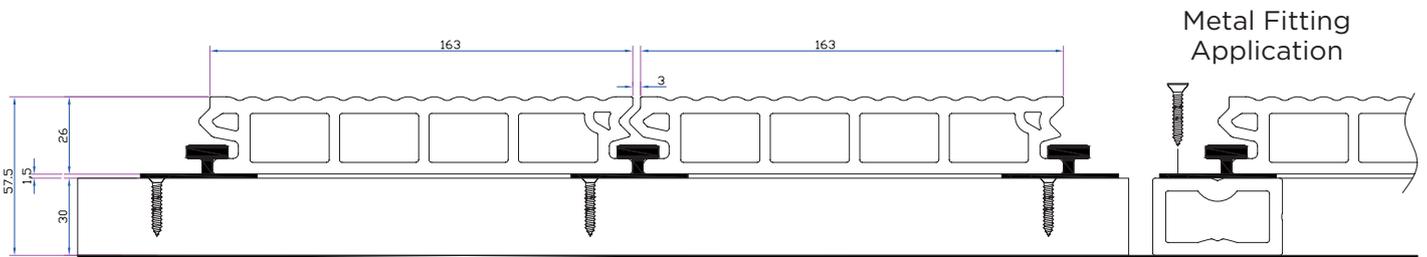
163 mm Floor Covering



Plastic Fitting Application

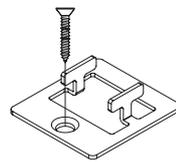


Metal Fitting

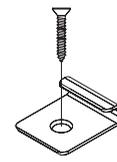


Metal Fitting Application

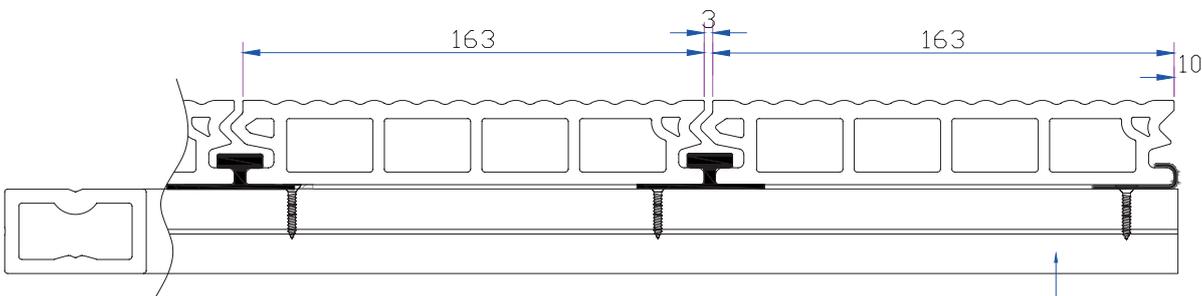
## Assembly Details



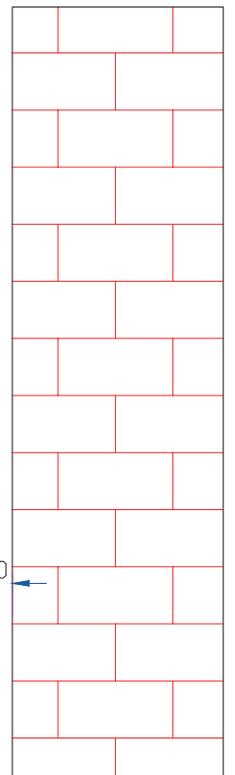
Metal Fitting



Initial Clips

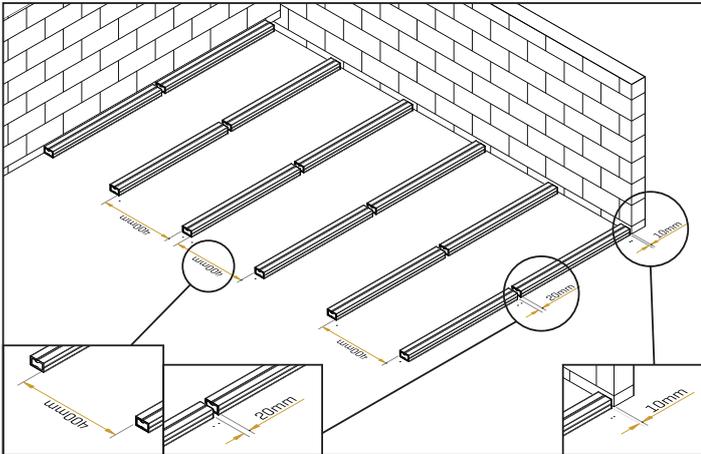


30x50 mm Base Composite Bar



# DECKING INSTALLATION STAGES

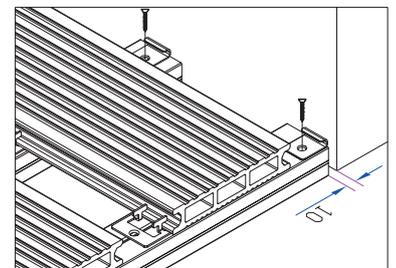
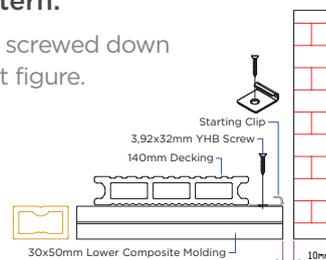
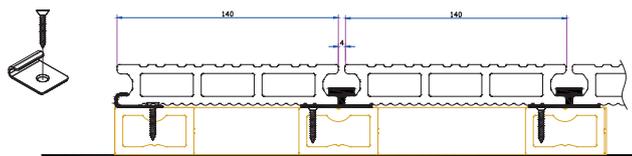
## 1- Lower molding application and measurement ranges



- 30x50 mm lower moldings must be fastened with screws that are compatible to the floor. The distance between the screws must be 50 cm maximum.
- To prevent the water from accumulating on the decking surface, the lower moldings must be installed with an inclination of 4 degrees in the beginning.
- Lower moldings must be installed with a maximum 40 cm of distance between each molding.
- To facilitate the water discharge, the tips of the joints for the lower moldings must be installed with 2 cm of gaps between them.
- Lower moldings must be installed with a 1 cm of space left on the ends of each wall.

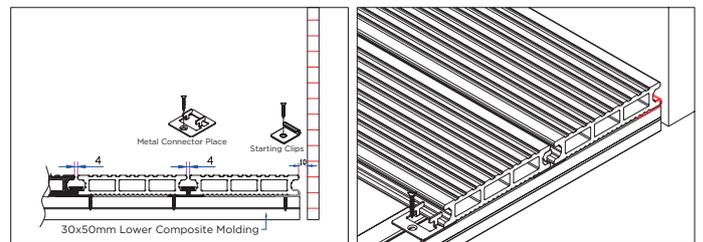
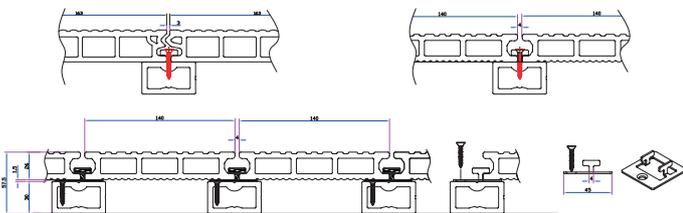
## 2- Decking baseboard or empty edge starting pattern:

- After the lower moldings are assembled, Decking must be screwed down with a starting clip and 3,9x32 YHB screws. See the adjacent figure.



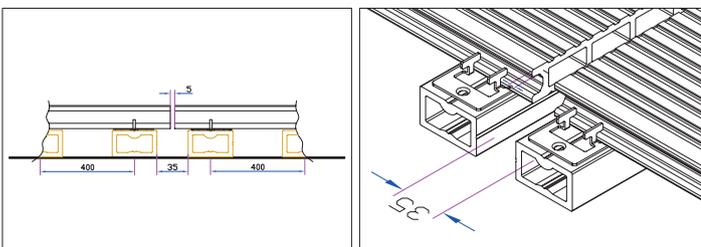
- After the starting clips are installed, the decking side lugs are mounted on the clip channels.

## 3- Assembly of metal or plastic interconnecting components:



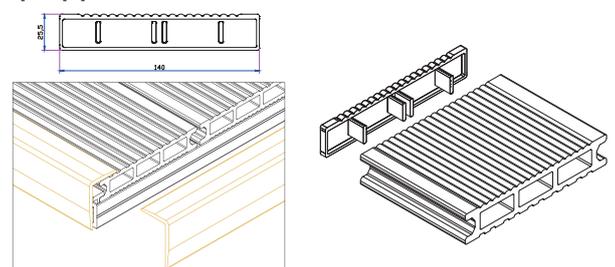
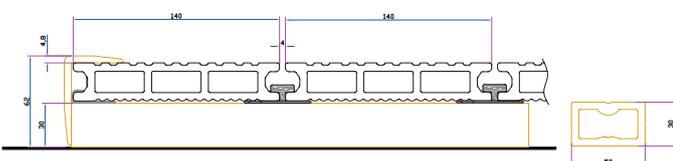
- Metal flange or plastic T connector pieces as decking connectors are connected to the lower floor moldings with the help of screws. Nails are not to be used under any condition and the Decking is not to be screwed in.

## 4- Dimensions to be left on the lower molding or the top decking during decking surface to surface assembly.



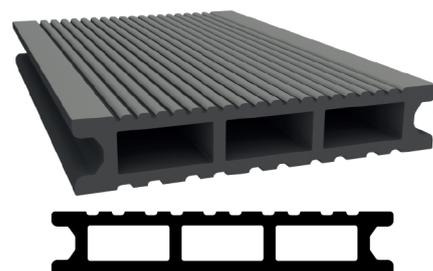
- 3,5 cm of distance must be left between the lower molding decking joint connection points and they must be fastened to the floor, and a 5 mm intermediary gap must absolutely be left for two decking joint connections.

## 5- Side 60x40 mm composite enclosure and decking front cap application



- After the decking installation works are finished, the open ends of the decking can either be closed with a cap profile or a composite 60x40 mm profile or an aluminum F profile.

WIDTH	14 cm	PVC + COMPOSITE
THICKNESS (HEIGHT)	26 mm	
LENGHT	3 m	



### 1. CONTENT AND PROPERTIES OF COMPOSITE PROFILES

1.1 Product: WPC (Wood Plastic Composite) containing polymer plastic, wood flour, binding materials, and color pigments.

1.2 Outdoor durability tests have been performed according to TS EN 317 / 479 standards.

1.3 According to TS EN 317-479 standards, the product does not sustain combustion except in cases of natural disasters or abnormal conditions.

Material Warranty is provided that installation is carried out according to the installation guidelines, the warranty covers resistance to decay (rot). Composite profiles do not rot under normal use conditions. Product durability is ensured by PVC raw material and binding granules. A non-decay guarantee is provided.

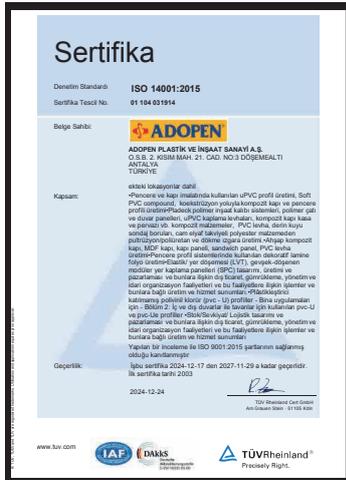
PROPERTY	STANDARD	METHOD		VALUE
DENSITY	ISO 1183-1	Method A		1,40 kg/m <sup>3</sup>
VICAT SOFTENING TEMPERATURE	ISO 306	Method B50		89,8 C
WATER ABSORPTION	EN 317	24 Hour	Thickness	% 0,34
			Weight	% 0,55
THERMAL EXPANSION	EN 479	100 C 1 Hour		% 0,10
BENDING PROPERTIES	TS EN 15534-1	Ek A	Flexural Strength F <sub>max</sub> ≥ 3.300 N (Arithmetic Mean Value)	<b>Top Surfaces</b> Max Load (N): 6006 Min Load (N): 5746 Average Load (N): 5891 Flexural Strength (N/mm <sup>2</sup> ): 41.0 Modulus of Elasticity (N/mm <sup>2</sup> ): 4404  <b>Bottom Surfaces</b> Max Load (N): 6013 Min Load (N): 5775 Average Load (N): 5915 Flexural Strength (N/mm <sup>2</sup> ): 41.2 Modulus of Elasticity (N/mm <sup>2</sup> ): 4279
			Deflection Under 500 N Load ≤ 2,00 mm (Arithmetic Mean)	<b>Top Surfaces</b> Average Deflection: 1.13 mm Minimum Deflection: 1.00 mm
			Deflection Under 500 N Load ≤ 2,5 mm (Per Specimen)	<b>Bottom Surfaces</b> Average Deflection: 1.57 mm Minimum Deflection: 1.43 mm
SLIP RESISTANCE a) PENDULUM TEST	TS EN 15534-1:2014 Clause 6.4.2	Surface 1	Thickness	Longitudinal: 36 – PASS Transverse: 37 – PASS
	TSE CEN/TS 15676:2015	Surface 2	Heaviness	Longitudinal: 36 – PASS Transverse: 37 – PASS
LINEAR MASS	TS EN 15534-1:2014 Clause 6.5			2815 g/m 2850 g/m 2817 g/m Average: 2828 g/m
THICKNESS, WIDTH & LENGHT	TS EN 15534-1:2014 Clause 6.6.2			Average Thickness: 26.44 mm Average Width: 140.10 mm Average Length: 1510 mm
DEVIATION FROM STRAIGHTNESS	TS EN 15534-1:2014 Clause 6.6.3			Maximum Surface Deviation: 2 mm/m Maximum Edge Deviation: 1 mm/m

PROPERTY		STANDARD	METHOD	VALUE
INDENTATION (SURFACE DENTING)		TS EN 15534-1:2014, Clause 6.6.4		Maximum Indentation: 0.15 mm
CREEP BEHAVIOR	Known End-Use Conditions	TS EN 15534-1:2014, Clause 74.1	Arithmetic mean value: $\Delta S_s \leq 10$ mm Individual values: $\Delta S_s \leq 13$ mm Arithmetic mean value: $\Delta S_r \leq 5$ mm	Opening: 1-1-1 mm Arithmetic mean $\Delta S_s$ : 1 mm Individual $\Delta S_s$ : 1 mm Arithmetic mean $\Delta S_r$ : 1 mm
	Unknown End-Use Conditions	TS EN 15534-1:2014, Clause 74.2	$C_f \leq 6$ and coefficient of variation (CV) $\leq 15\%$ $E_{cr} \geq 30$ and coefficient of variation (CV) $\leq 15\%$	Opening: 1-1-1 mm Arithmetic mean $\Delta S_s$ : 1 mm Individual $\Delta S_s$ : 1 mm Arithmetic mean $\Delta S_r$ : 1 mm
RESISTANCE TO ARTIFICIAL WEATHERING		TS EN 15534-1:2014, Clause 8.1 TS EN ISO 4892-2:2013, Cycle 1, 300 Hours	$\Delta L^*$ , $\Delta a^*$ , $\Delta b^*$ Must Be Declared	$\Delta L^* = 14.13$ $\Delta a^* = 3.26$ $\Delta b^* = 1.72$ $\Delta E^* = 14.35$ Grey scale = 1
MOISTURE RESISTANCE UNDER CYCLIC TEST CONDITIONS		TS EN 15534-1:2014, Clauses 8.3.2 and 7.3.2	Average reduction in bending strength $\leq 20\%$  Individual reduction in bending strength $\leq 30\%$ Top	Surface Before Exposure: Mean bending strength: 41.0 N/mm <sup>2</sup> Minimum bending strength: 39.9 N/mm <sup>2</sup>  After Exposure: Mean bending strength: 39.1 N/mm <sup>2</sup> (Reduction: 4.52%) Minimum bending strength: 38.5 N/mm <sup>2</sup> (Reduction: 3.69%)  Bottom Surface Before Exposure: Mean bending strength: 41.2 N/mm <sup>2</sup> Minimum bending strength: 40.1 N/mm <sup>2</sup>  After Exposure: Mean bending strength: 39.5 N/mm <sup>2</sup> (Reduction: 4.06%) Minimum bending strength: 38.6 N/mm <sup>2</sup> (Reduction: 3.91%)
SWELLING AND WATER ABSORPTION (FOR USE CLASS 3 OR 4) TS EN 15534-4:2014, CLAUSES 4.5.5		TS EN 15534-1:2014, Clause 8.3.1	1) Average swelling: $\leq 4\%$ thickness direction $\leq 0.8\%$ width direction $\leq 0.4\%$ length direction  2) Maximum swelling per specimen: $\leq 5\%$ thickness direction $\leq 1.2\%$ width direction $\leq 0.6\%$ length direction  3) Average water absorption $\leq 7\%$ by weight  4) Maximum water absorption per specimen $\leq 9\%$ by weight	1- Average swelling: Thickness: 1.32% Width: 0.21% Length: 0.13%  2- Maximum swelling per specimen: Thickness: 2.14% Width: 0.23% Length: 0.22%  3- Average water absorption: 2.24% by weight  4- Maximum water absorption per specimen: 2.28% by weight
LINEAR THERMAL EXPANSION COEFFICIENT		TS EN 15534-4	K-1 $\leq 50 \times 10^{-6}$	$28 \times 10^{-1}$
IMPACT RESISTANCE (1 KG METAL MASS DROPPED FREELY FROM 700 MM HEIGHT)		TS EN 15534-4	$\leq 10$ mm  $\leq 0,5$ mm	No cracks observed on specimen surface Dent depth: 5.3 mm  Additional measurement: 0.18 mm
BIOLOGICAL DURABILITY		TS EN 15534-4	Use in exterior conditions not in contact with soil (Class 3)	Class 3

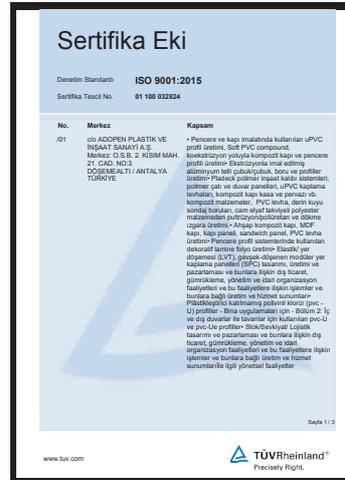
# CERTIFICATES

## DECKADO TEST RESULTS / PVC - WOOD FIBER

Test Name	Standart No	Test Method	Catalogue Values
Test Name	ISO 1183-1	Method A	1,40 kg/m <sup>3</sup>
Vicat Softening Temperature	ISO 306	Method B50	89,8 °C
		23 °C	1 kg /1,5 m
		(-10 °C)	1 kg /1,5 m
Water Absorption	EN 317	24 Hour	Thickness %
			Weight %
Termal Prolongatino	EN 479	100 °C 1 Hour	% 0,10
Bending Endurance	EN 310		36,40 N/mm <sup>2</sup>
Bending Elasticity Module	EN 310		6468 N/mm <sup>2</sup>
Aging Test	EN 513		250-4000 Hour Color Values



ISO 14001:2015



ISO 9001:2015



TSE CERTIFICATE



SERVICE COMPLIANCE CERTIFICATE

# AREAS OF USE



Color fading is minimized by providing maximum resistance to rain, cold, sun, and all weather conditions.



- Swimming Pool Edges
- Beaches
- Piers
- Verandas
- Pergolas
- Camellias
- Conservatories
- Garden Paths
- Walking Paths in the Country
- Open Spaces and Outdoor Areas

# COLOUR CHART



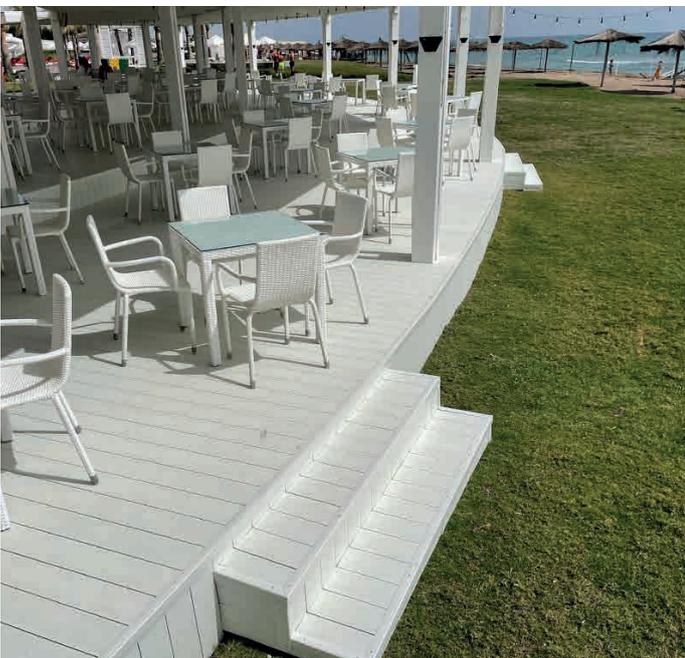
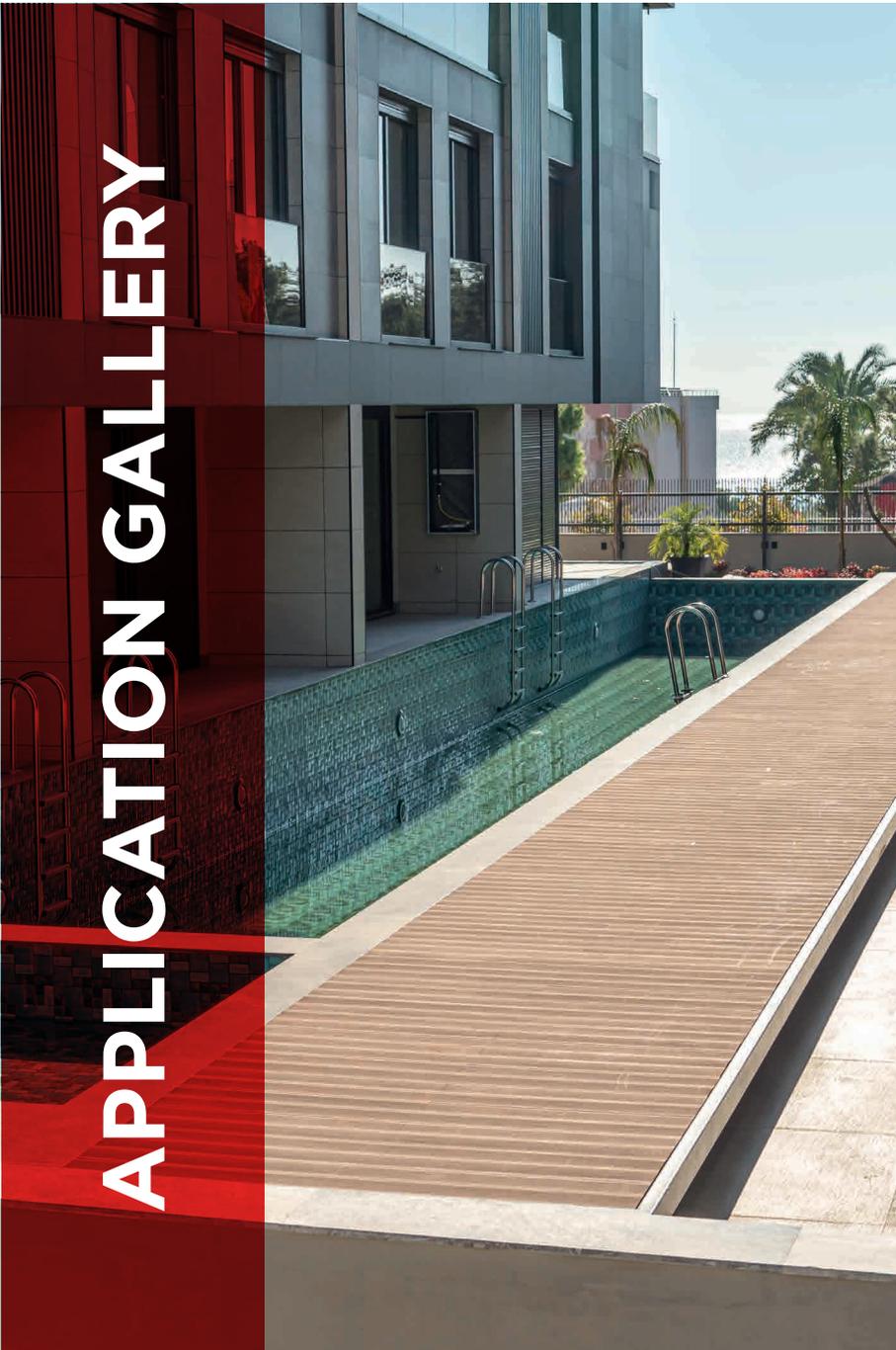
After Use



OriginalColor



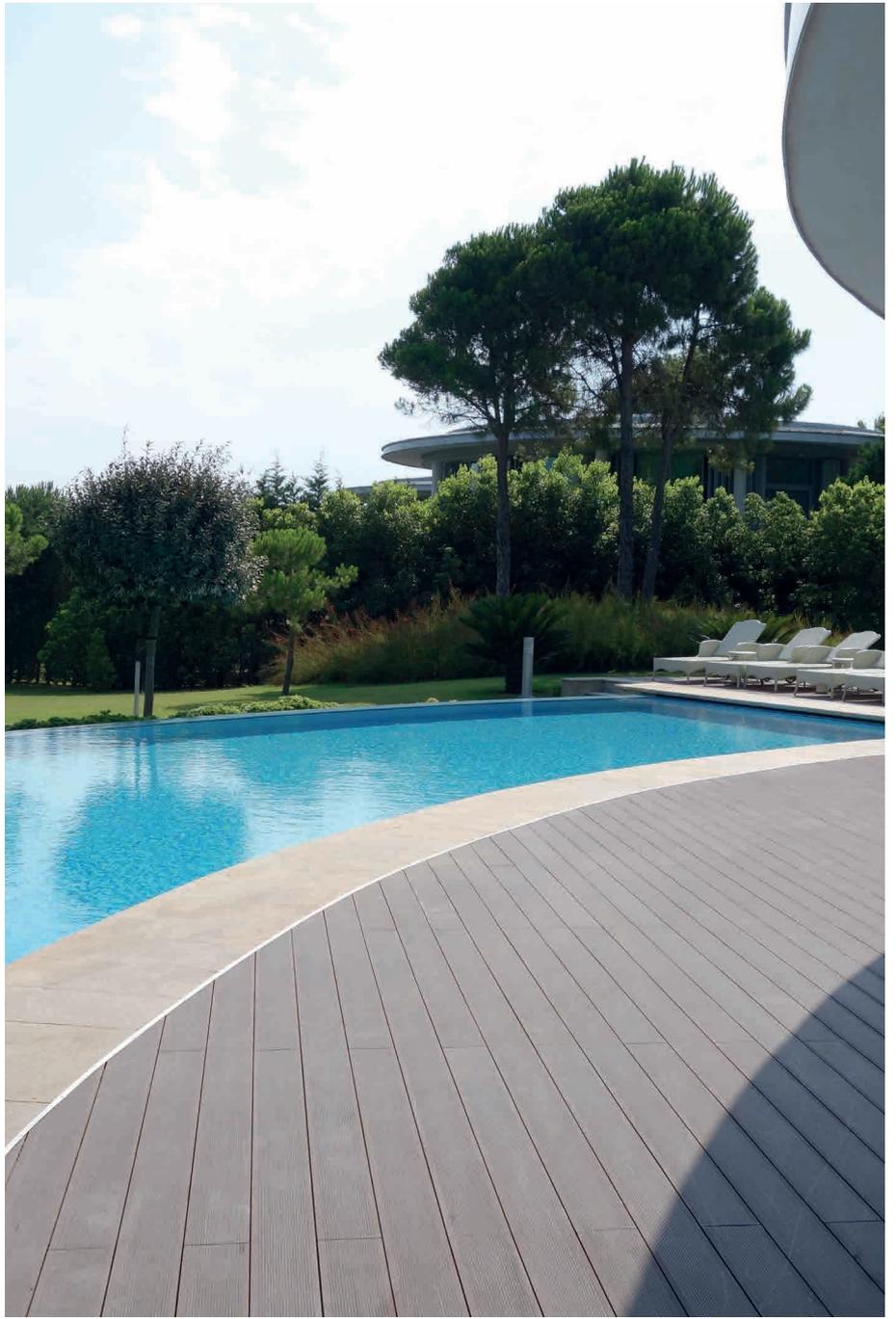
# APPLICATION GALLERY





APPLICATION GALLERY





# DECKADO



## **FACTORY**

Organize Sanayi Bölgesi 2. Etap 07040  
Antalya/TÜRKİYE



FEBRUARY / 2026