

DURASID® SHADOW 524167

TECHNICAL INFORMATION



Product information

Product type

Durasid Shadow is a cladding board made of rigid PVC foam with a PVC top layer, finished with a high-quality foil that displays a photo-realistic wood texture. With a visible width of 167 mm and a shadow line of approximately 10 mm, it creates a sleek, modern yet warm appearance that fits perfectly with modern architecture.

Product codes

524167ATK-5.00 | 524167TOM-5.00

Available colours



ATK
Anteak



TOM
Turner Oak Malt

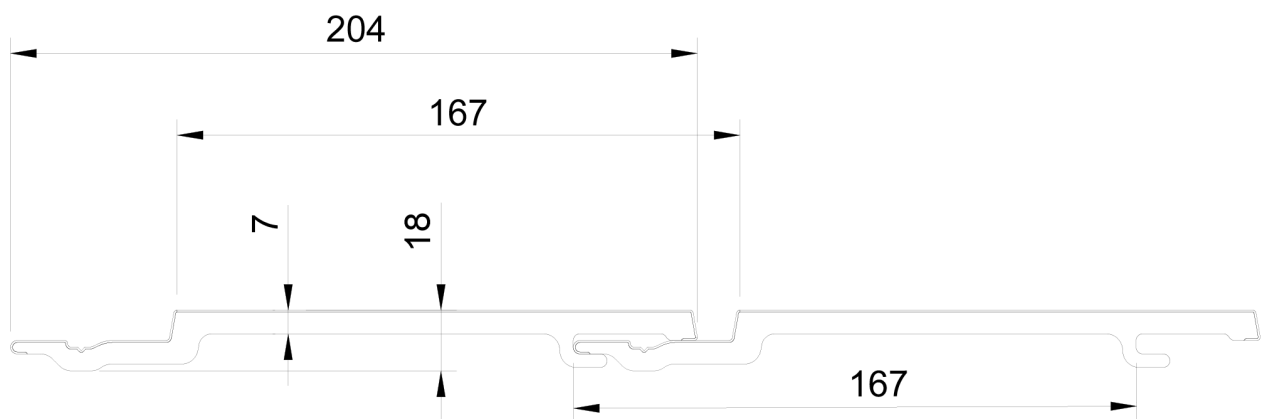
Applications

Cladding (horizontal & vertical)

Advantages

Rebate 167 mm: This model can be installed both horizontally and vertically.

Dimensions



Available lengths : 5,0 m | Width - panel : 204,0 mm | Width - panel mounted : 167,0 mm

Thickness - panel : 18,0 mm | Thickness - material : 7,0 mm

Technical data

DURASID SHADOW - 524167

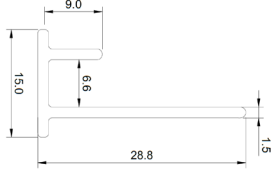
CHARACTERISTICS	VALUE	TEST METHOD
Weight colours 95/96 (kg/lm)	0,826	INTERNAL TEST
Density (g/cm³)	0,5 – 0,6	ISO 1183-1
Vicat softening temperature (°C)	50 - 60	ISO 306
Ash content at 1000°C (%)	6,0 – 8,0	ISO 3451-A
DHC stabilization time (min)	21 - 22	ISO 182-2
DHC induction time (min)	26 - 28	ISO 182-3
Flammability	-	NBN EN 13501-1
Impact resistance (m)	1,5	EN 477 / EN 13245-2
Shore-D hardness	58	DIN 53505
Flexural strength (MPa)	24 - 29	NBN EN ISO 178
Elastic modulus E (GPa)	1,2 – 1,5	NBN EN ISO 178
Tensile strength (N/mm²)	12 - 14	ISO 527-2
Elongation at break (%)	42 - 52	ISO 527-2
Shrinkage (%)	≤ 7,6	EN 479
Linear expansion coefficient (mm/m°C)	0,055	ASTM D696
Frost resistance	OK	NBN EN 539-2 & 1304
Water absorption	NONE	HYGRIC MOVEMENT
Water absorption (mg/cm²)	0,28	ISO 2179
Wind resistance	C2	EN 12211
Thermal conductivity coefficient (W/mK)	0,07	EN 12667
Impact resistance service test (Nm)	100 – 400 6	EOTA TR 001
Impact resistance safety test (Nm)	700 10	EOTA TR 001

The above data are typical results from tests conducted in the laboratory. They do not constitute a complete specification. As the conditions under which this product is used are beyond our control, these recommendations are made without guarantee. The customer must always ensure that the supplied material meets their requirements.

Profiles and accessories

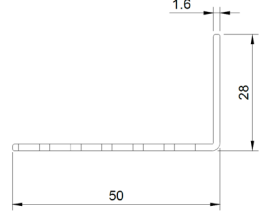
Starting profile (PVC)

The starter profile is the profile to which the bottom/first strip of cladding is attached, whether in horizontal or vertical installation. This profile serves as the starting point for the installation of cladding panels and provides a straight and stable base.

Product codes	Colours	Dimensions (mm)
524200-3.00	10 - Black	Length: 3000 mm  

Ventilation profile (PVC)

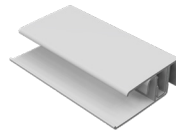
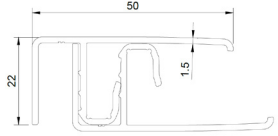
The ventilation profile is a specially designed profile installed at the top and bottom of cladding to keep pests out of the air cavity. This profile features openings or perforations that allow air to circulate behind the cladding, helping to regulate moisture and temperature.

Product codes	Colours	Dimensions (mm)
524250-2.50	10 - Black	Length: 2500 mm  

2-part edge trim

The 2-part edge trim consists of two separate components (the base profile and the top profile) that together form an edge for finishing the cladding. The base profile is securely attached to the substrate, while the top profile is clicked into place to create a neat finish.

Aluminum coated

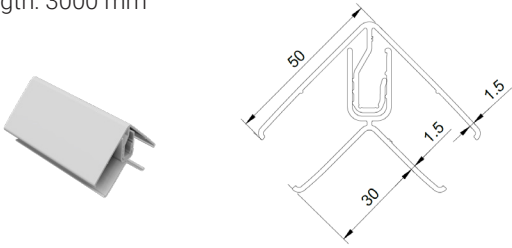
Product codes	Colours	Dimensions (mm)
52416095-3.00 524160102-3.00 524160103-3.00	95 (RAL 7016) 102 (RAL 7006) 103 (RAL1019)	Length: 3000 mm  

Profiles and accessories

2-part internal and external corner

A 2-part internal and external corner is used to finish both internal and external corners of cladding panels. The profile consists of two separate sections specifically designed for internal corners (where two facade panels meet inwardly) and external corners (where two facade panels meet outwardly).

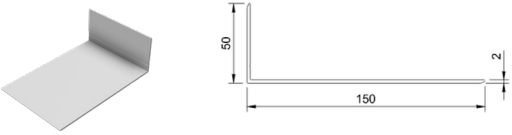
Aluminum coated

Product codes	Colours	Dimensions (mm)
52446095-3.00 524460102-3.00 524460103-3.00	95 (RAL 7016) 102 (RAL 7006) 103 (RAL1019)	Length: 3000 mm 

Angle profile

This profile is used for finishing corners (window and door reveals,...) and the edges of the cladding. This profile is also known as an L-profile.

Aluminum coated

Product codes	Colours	Dimensions (mm)
52456095-3.00 524560102-3.00 524560103-3.00	95 (RAL 7016) 102 (RAL 7006) 103 (RAL1019)	Length: 3000 mm 

Connection piece

The connection piece is a specific component used to connect cladding panels together. Its main purpose is to create a stable, secure, and aesthetically pleasing connection between the panels.

Invisible

Product codes	Colours	Dimensions (mm)
52436295	95	



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