

Plano Claro & Claro Antik

TECHNICAL DATASHEET

Plano Claro is an SBS modified bitumen shingle reinforced with a bitumen impregnated glass-fiber fleece (120 g/m²). The top side is covered with coloured slate granules. There is a self-adhesive bitumen layer and a removable plastic foil on the bottom side.

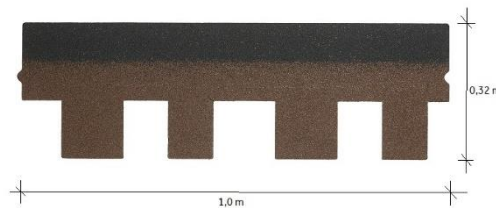
Standard EN 544:2011 Bitumen shingles with mineral and/or synthetic reinforcements. Product specification and test methods.

Usage

The shingle requires underlayment membrane. See separate installation instructions.

Measurements and colors

Size	1 x 0,32 m
Thickness	ca. 4 mm
Weight	ca. 1,0 kg
Color	Natural brown Forest green Brick red



Packaging

The package contains 22 shingles, enough to cover 3 m² roof. The shingles are packed in a paper wrap and it is covered with wrap plastic foil. The weight of one shingle package is ca. 23,5 kg. 36 packages are shipped on one pallet. A full pallet weights ca. 1000 kg.

Storage

Shingle packages must be stored and transported on a sturdy base. To be protected from dirt, dampness and mechanical damage. Handle with care. Store in a shaded or covered storage. Do not store pallets on each other.

Waste disposal

Waste is not dangerous to health. Dump at an approved site that complies with local and national regulations.

Producer

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Country of origin

Finland



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PRODUCT SPECIFICATIONS

Characteristics	Test method	Units	Requirements
Nominal weight	EN 1849-1	g/m ²	4500 (± 300)
Mass of bitumen	EN 544 / 6.2	g/m ²	1550 (± 250)
Tensile properties:			
- minimum tensile force (width)	EN 12311-1	N/50 mm	850 (± 250)
- minimum tensile force (height)			550 (± 150)
Elongation			
- width		%	3 (± 1)
- height		%	3 (± 1)
Nail shank resistance	EN 12310-1	N	150
Flow resistance at elevated	EN 1110	mm	≤ 2 mm at 90 °C
Water absorption	EN 544 / 6.4.3		NPD
Adhesion of granules and flakes of slate	EN 12039	g	0,5 (± 0,4)
Resistance to UV radiation	EN 1297		NPD