

Isola Roofing Shingles

Roofing for pitched roofs down to 15° pitch

Description:

Isola Roofing Shingle is an asphalt roofing coating made with a fibreglass core saturated with polymer-modified bitumen. The underside is sprinkled with water-repellent sand, and the upper side is covered with slate grit. An advanced adhesive system in the sprinkled surface means that adhesion is immediate. The upper part of the back is coated with plastic foil that provides an antifriction layer and prevents adhesion in the package and to the substrate.



Application:

Ideal for use on cold and ventilated roof constructions, down to a 15° pitch. Iso-D Xtra underlay should be used for pitches between 15° and 18°. In areas particularly exposed to severe weather, Isola Isokraft should be used. Isola Roofing Shingles can, under certain conditions, be laid new-on-old on pitches above 19°; for more information, see the installation instructions.

Storage:

Produktet lagres på et jevnt underlag og bør ikke utsettes for direkte sollys. Paller må ikke settes ovenpå hverandre

Installation:

Install on a solid base – tongue and groove, OSB boards, plywood or similar. The foil on the back should not be torn off. At temperatures below +5 °C, the adhesive fields must be preheated. Due to subtle colour changes, roofing shingles from the same production series must be used.

For more details see laying instruction on our website.

Approvals and guarantee



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Product data	Value	Designation
Content per. package	3,15 m ²	-
Construction height	143	mm
Width	1000	mm
Coverage area	0,143	m ²
Material	Glassfiberstamme mettet med polymermodifisert bitumen	-
Units (per m ²)	6,98	stk
Min roof angle	15	°
Surface	Slate granules	-
Thickness	3	mm
Weight pr. m ²	9550	g

Product number	Color
502024	Brick red
502042	Almbrown
502036	Pine green

Properties	Method	Unit	Value
Resistance against heavy rain	NT Build 421	Pa	350
Resistance to UV	EN 544	-	Approved
Dimensional variation (mm)	EN 544	-	±3
External fire performance according to EN 13501-5	CEN/TS 1187-2	-	Broof (t1), Broof (t2), Broof (t3)
Tensile strength MD	EN-544	N/50 mm	890 ± 200
Tensile strength CMD	EN-544	N/50 mm	690 ± 200
Tear resistance CMD	EN-544	N	120 ± 20
Durability of mechanical resistance	EN 1297	-	Pass
Adhesive of the protective finishing	EN-544	g	<1,2
Flow resistance at elevated temperature after arificial ageing	EN-544	mm at 90 °C	<2
Water absorption	EN-544	%	<1
Water permeability/Content of bitumen	EN-544	g/m ²	1300
Dangerous Substances	No method available	-	None

