

# Isola Roofing Shingles Premium

Roofing for pitched roofs down to 15° pitch

## Description:

Roofing Shingles Premium consist of a fibreglass core and polymer-modified bitumen. The underside is sprinkled with water-repellent sand, and the upper side is covered with mineral grit. An advanced adhesive system in the sprinkled surface means that adhesion is immediate. The upper part of the back is covered with plastic foil. This acts as an antifriiction layer that prevents unwanted adhesion 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. When using Roofing Shingles Premium Karat, always use an underlay. Isola Roofing Shingles can, under certain conditions, be laid new-on-old on pitches above 19°; for more information, see the installation instructions.

## Installation:

Install Isola Roofing Shingles Premium on a solid base – tongue and groove, OSB boards, plywood or similar. The shingles should only be laid on cold and ventilated roof constructions. Using shingles with different production numbers can result in colour differences. When applying below +5 °C, the adhesive fields should be preheated.

Fore more details see laying instruction on our website.

## Storage:

The product should be stored on an even surface and should not be exposed to direct sunlight. Pallets must not be placed on top of each other

## Approvals and guarantee



# Isola Roofing Shingles Premium

Product data	Value	Designation
Width	1000	mm
Material	Glassfiberstamme mettet med polymermodifisert bitumen	-
Color	Crystal black	-
Min roof angle	15	°
Surface	Mineral granules	-
Thickness	3,2	mm

Product number	Variant	Construction height	Weight pr. m2	Coverage area	Color
506015	Karat	115 mm	9760 g	0,115 m <sup>2</sup>	Crystal black
501115	Skrå	134 mm	8400 g	0,134 m <sup>2</sup>	Crystal black

Properties	Method	Unit	Value
Resistance against heavy rain	NT Build 421	Pa	240
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)
Euro fire class according to EN 13501-1	EN 13501-1	-	E
Tensile strength MD	EN-544	N/50 mm	1000 ± 200
Tensile strength CMD	EN-544	N/50 mm	690 +/- 200
Tear resistance CMD	EN-544	N	130 ± 20
Durability of mechanical resistance	EN 1297	-	Pass
Adhesive of the protective finishing	EN-544	g	<1,2
Flow resistance at elevated temperature after artificial ageing	EN-544	mm at 90 °C	<2
Water absorption	EN-544	%	<1
Water permeability/Content of bitumen	EN-544	g/m <sup>2</sup>	1300
Dangerous Substances	No method available	-	None

