

Kraftunderlag

First layer in two-layer flat roofing systems

Description:

Isola Kraftunderlag consists of a polyester felt core coated with SBS elastomeric asphalt on the upper and lower sides. The upper side is sprinkled with a fine-grain special sand. The 10 cm side edge features a plastic welding film, and the underside is covered with plastic film that acts as an antifriction layer against the substrate. Isola Kraftunderlag is a component of the Isola Double Layer system, which consists of Isola Sveisemembran SBS as the upper layer and Isola Kraftunderlag SBS as the underlay.



Application:

Isola Kraftunderlag is a robust substrate coating used as the first layer in two-layer roofing systems for flat or pitched roofs. The product is a component of the Isola Double Layer system. The product can be used in two-layer membrane solutions that are fully welded together. Isola Kraftunderlag can be used both as a watertight roofing system during construction and as a moisture barrier in compact roofs.

Storage:

Isola Kraftunderlag SBS must be stored upright on pallets. Pallets can be stored in stacks of two with a supporting separator plate between the pallets

Installation:

The product is fastened mechanically and welded at the overlaps. See separate installation instructions.

For more details see laying instruction on our website.

Approvals and guarantee



Kraftunderlag⁵²⁰¹⁵⁰

Product data	Value	Designation
Width	1000	mm
Length in mm	10000	mm
Weight (per unit)	38000	g
Material	SBS asfalt med polyesterstamme	-
Min roof angle	1,5	°
Thickness	3,2	mm

Properties	Method	Unit	Value
Sd-value	-	m	271
External fire performance according to EN 13501-5	EN 13501-5	-	Froof*
Euro fire class according to EN 13501-1	EN 13501-1	-	F
Resistance to water penetration	EN-1928	-	Pass
Tensile strength MD	EN-12311-1	N/50 mm	770 ± 50
Tensile strength CMD	EN-12311-1	N/50 mm	680 ± 50
Elongation At Maximum Tensile Force MD	EN: 12311:1	%	35 ± 5
Elongation At Maximum Tensile Force CMD	EN: 12311:1	%	40 ± 5
Tear resistance MD	EN-12310-1	N	340 ± 90
Tear resistance CMD	EN-12310-1	N	320 ± 90
Shear resistance of joints	EN-12317-1	N/50 mm	>500
Pliability	EN:1109-1	°C	-20
Flow resistance at elevated temperature after artificial ageing	EN-1110	mm at 90 °C	0
Resistance to Impact Method A	EN-12691	mm	≥ 700
Dangerous Substances	No method available	-	None
Resistance to static loading Method A	EN-12730	kg	15

