

Sveiseoverlag

Second layer in two-layer roofing

Description:

Welding Overlay SBS consists of a polyester felt core with aluminium foil. The core is coated with SBS polymer asphalt on both sides. The underside is covered with plastic film and the upper side is covered with slate grit. Isola Welding Overlay is a component of the Isola Double Layer system, which consists of Isola Power Underlay SBS as the underlay and Isola Welding Overlay SBS as the upper layer.



Application:

Isola Welding Overlay SBS is intended to be used as the second layer in two-layer roofing for flat and pitched roofs. The layer should be fully welded to the underlay (Isola Power Underlay), with the two layers together forming a strong homogeneous layer. Ideal for both new buildings and renovation projects. During renovation, the layer can be welded directly to old asphalt-based roofing if it still has a good mechanical anchorage.

Storage:

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

Installation:

Fully welded to Power Underlay that is mechanically attached.

For more details see laying instruction on our website.

Approvals and guarantee



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Product data	Value	Designation
Length in mm	7000	mm
Weight (per unit)	36500	g
Material	SBS asfalt med polyesterstamme	-
Surface	Slate granules	-
Thickness	4,3	mm
Weight pr. m2	5200	g

Product number	Color
515113	Black
515110	Slategrey

Properties	Method	Unit	Value
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	840±150
Tensile strength CMD	EN-12311-1	N/50 mm	650±30
Elongation At Maximum Tensile Force MD	EN: 12311:1	%	45±10
Elongation At Maximum Tensile Force CMD	EN: 12311:1	%	50±10
Tear resistance MD	EN-12310-1	N	300±30
Tear resistance CMD	EN-12310-1	N	330±30
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	1250≥800
Dangerous Substances	No method available	-	None
Resistance to static loading Method A	EN-12730	kg	20

