



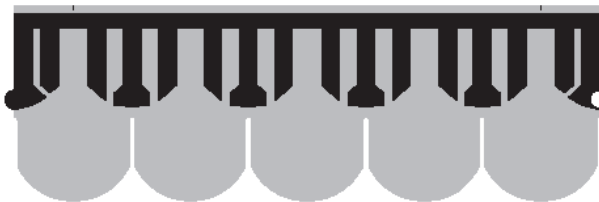
H 65030

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Product	Bitumen shingles with thermoplastic modified bitumen and special glass fibre reinforcement. Backside of the shingle lap coated with water-repellent silan-sand. Upper part of the backside laminated with foil to avoid sticking inside the packaging or at the sub-construction. Top-side of the shingles covered with colored slate granules. Connected adhesive areas on the top-side for immediate and long-term bonding of the shingles.
Intended use	For pitched roofs (15° bis 85° slope) with sub-construction for mechanical fixing with nails. The jointed wooden formwork must be waterproofed by an underlay.
Standard	EN 544
Application	Invisible mechanical fixing. See application instructions
Packaging	22 pcs. per pack, 39 packs with 3,15 m ² = 122,85 m ² /pallet

Characteristics	Testing method	Unit	Result
Tensile strength long.	EN 544	N/50 mm	890 (±200)
Tensile strength trans.	EN 544	N/50 mm	690 (±200)
Tear resistance trans.	EN 544	N	120 (±20)
External fire exposure	EN 13501-1	-	Broof (t1)*
Fire protection class	EN 13501-1	Class	E
Water absorption	EN 544	%	< 1
Granule adhesion	EN 544	g	< 1,2
Dimensional stability	EN 1107-1	mm	± 3
Flow characteristics at elevated temperatures	EN 544	mm bei 90 °C	< 2
Bitumen content	EN 544	g/m ²	1300
UV-resistance	EN 544	-	passed
Resistance to driving rain		Pa	350
Covered area		m ² /Paket	3,15

* according to certified system



The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

Subject to alteration without notice.

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

Development, Production and Sales of our products according to ISO 9001.