



Icopal Universal SA

Article number: 10038448

Application

Icopal Universal SA can be applied in one layer as an edge strip for roof edge finishes and rising work or as a gutter finish. Icopal Universal SA allows itself to be easily apply the self-adhesive coating on the underside to a surface that has been treated with Icopal SA Primer or Syntan® coating. Overlaps are welded with hot air.

Icopal Universal SA is used as an edge strip for fire-safe detailing in combination with Icopal Universal or as a gutter finish. Maximum curb height (without additional mechanical mounting) 250mm

For roofing systems to be used, see KOMO attest-with-product certificate.

Certificates

KOMO attest-met-productcertificate: K66715,
Declaration of Performance according to EN 13707 (CE),
NL-BSB product certificate: K66717 (environmental hygienic properties).

Directions of application

Icopal Universal SA can be cut lengthwise, resulting in 2 strips, each with its own longitudinal overlap.

Processing in accordance with processing guidelines issued by BMI Nederland BV.

Self-adhesive products must be processed at temperatures above 10°C, the material and substrate temperature must also be above 10°C.

Delivery Conditions

Delivery form

24 rolls of Icopal Universal SA packed in tapes, shrink-wrapped on one way pallets (80 X 120).

Storage and transport

Icopal Universal SA must be stored vertically on a dry and flat surface, at a temperature between 0 and 40°C. Direct sunlight should be avoided during storage.

Shelf life up to 6 months after stated production date.

Product identification

Information on the rol: Product name.

Dimensions.

Approvals.

Production date.

Product description

Appearance top side	PP Spunbond
Coating top side	POCB Compound
Reinforcement	Polyester/fibreglass fleece + P/G-reinforced
Coating bottom side	POCB Compound and self-adhesive coating
Appearance bottom side	PP-release foil

03-07-2023 versie 2.0 This information given in good faith being based on the latest knowledge available to BMI Nederland B.V. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

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Product performance according to EN 13707

Product specifications	Method	Performance	Units
Visible defects	EN 1850-1	Pass	-
Length	EN 1848-1	7,5	m
Width	EN 1848-1	1,0	m
Straightness	EN 1848-1	≤ 10	-
Mass per surface unit	EN 1849-1	3,3 ± 10%	kg/m ²
Thickness	EN 1849-1	3,3 ± 0,2	mm
External fire resistance	EN 1187	NPD*	
Reaction to fire	EN 13501-1	Class E	
Watertightness	EN 1928	Pass	≥ 300 kPa
Tensile strength MD	EN 12311-1	1250 ± 20%	N/50mm
Tensile strength CD	EN 12311-1	1050 ± 20%	N/50mm
Elongation MD	EN 12311-1	30 ± 15 %abs	%
Elongation CD	EN 12311-1	35 ± 15 %abs	%
Resistance to root penetration	EN 13948	NPD ¹	-
Resistance to static loading (A, soft substrate)	EN 12730	≥ 20	kg
Resistance to static loading (B, hard substrate)	EN 12730	≥ 10	kg
Resistance to impact (A, hard substrate)	EN 12691	≥ 1250	mm
Resistance to impact (B, soft substrate)	EN 12691	≥ 1250	mm
Tear resistance (nail shank) MD and CD	EN 12310-1	300 -0/+250	N
Peel strength of joints	EN 12316-1	50 -0/+100	N/50mm
Shear resistance of joints (Side laps and End laps)	EN 12317-1	800 -0/+700	N/50mm
Flexibility at low temperature	EN 1109	≤ -25	°C
Thermal ageing: Flexibility at low temperature (top/bottom)	EN 1296 & EN 1109	-25// -10 +0/-10	°C
Flow resistance at elevated temperature (top/bottom)	EN 1110	≥ 150 // ≥ 100	°C
Thermal ageing: Flow resistance at elevated temperature (top/bottom)	EN 1296 & EN 1110	150 // 100 -0/+30	°C
Durability against UV exposure	EN 1297	NPD	-
Dimensional stability	EN 1107-1	≤ 0,1	%
Adhesion of granules	EN 12039	not applicable	%
Water vapour permeability (μ)	EN 1931	20.000	-
Dangerous substances		Complies	

¹⁾ No performance determined (not required according to EN 13707).

^{*)} Note: since the external fire performance of a roof is dominated by the built up system, no performance can be assessed for the product alone (passes Broof(t1) according to K66715).

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