

Coil HDPE

Waterproof bituminous self-adhesive strip with HDPE film
Riwega | eternitycomfort

Technical data sheet

of: 06/02/2014

Art. 02044503 - 020445031 - 020445032

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Properties	Method	Nominal value		
Article number		020445031	02044503	020445032
Width		250 mm	500 mm	1000 mm
Length		20 m		
Material		HDPE film / Bitumen / Removable silicone film		
Color		Black		
Thickness		Approx. 1,5 mm		
Tensile Strength MD/CD*	EN 12311-1	215 /220 N/50mm		
Elongation at Break MD/CD*	EN 12311-1	310 / 240 %		
Tear Resistance	EN 12310-1	135 / 135 N		
Static Load Resistance	EN 12730	Met.A 10kg; Met.B 15kg		
Impact Resistance	EN 12691	Met.A 500 mm; Met.B 1000 mm		
Shear Resistance of Joints	EN 12317-1	450 / 450 N/50mm		
Peel Resistance of Joints	EN 12316-1	105 N/50mm		
Peel Adhesion (on Concrete at 23 °C)	ASTM D 1000	2,9 N/mm		
Probe Tack	ASTM D 2979	7 N		
Watertightness	EN 1928 (Method A)	Pass at 60Kpa of water (24 hours)		
Watertightness	EN 1928 (Method B)	Pass at 6 bar of water (24 hours)		
Vapour Transmission Rate (μ)	EN 1931	90000		
Water Absorption	ASTM D 570	0,09 %		
Permeability to Radon Gas	SP Swedish Nat. Testing & Research Institute	$5,7 \times 10^{-12} \text{ m}^2/\text{s}$		
Permeability to Methane Gas	CSI Method	$< 5 \text{ cc/m}^2 \times 24\text{h} \times \text{atm}$		
Application Temperature	-	+5 °C / +45 °C		
Service Temperature	-	-40°C / +80°C		
Total Volatile Organic Compound emissions (TVOC)	ISO 16000-6	8 $\mu\text{g}/\text{m}^3$		
Reaction to fire	EN 13501-1	E		
Packaging		2 rolls	1 roll	1 roll
Storage		Dry place, protected from UV rays, at a temperature between + 5 °C and + 40 °C. Use within 12 months is recommended.		

*MD=Machine Direction; CD=Cross Direction

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