


ICOPAL® DEF'X Multi

Application:

The DEF'X Multi product is an underlay for discontinued roofing for used in application on pitched roofs over rafters or boards in ventilated roof constructions only.

Properties:

The DEF'X Multi has an extreme high nail, classified R3 and tensile strength due to its reinforcing grid. The product is ageing resistant to UV and IR and further resistant to common occurring alkaline. The product has a co-polymer coating surface that makes the product slightly diffusion open, whereby the ventilation gap can be reduced to 20 mm.

Product data				
Built-up	Black Co-Polymer top film			
Top side	8 x 8 mm PP (Polypropylene) reinforcing grid			
Reinforcing	Black Co-Polymer coating			
Middle layer	Black PP (Polypropylene) spun bond			
Bottom side				
Colour	Black/Black			
Weight	200 g/m ² - 5% / + 10 %			
Application	The material is unrolled taut over rafters, but with a bit of slack for temperature variations. The minimum overlap is 100 mm. All penetrations joints must be sealed with suitable tape our sealer. The minimum pitch angle must be no less than 20 degrees.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	50,00	0%	EN 1848-2
Width	m	1,50	+1,5% -½%	EN 1848-2
Thickness	mm	0,25	±25%	EN 1849-2
Tensile strength	N/50 mm	MD 500	±75	EN 12311-1
		TD 390	±60	EN 12311-1
Elongation	%	MD 15	±10	EN 12311-1
		TD 15	±10	EN 12311-1
Nail tear resistance	N	MD 400	±60	EN 12310-1
		TD 450	±75	EN 12310-1
Dimensional stability	%	MD Max 2		EN 1107-2
		TD Max 2		EN 1107-2
Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	-40		EN 1109
Sd value	m	11	±3	EN 1931
Water vapour transm.	m ² .sPa/kg	1,75-E11		EN 1931
Water tightness	Class	W1		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1297 & EN 1296				
Tensile strength	N/50 mm	MD 450	±75	EN 12311-1
		TD 400	±75	EN 12311-1
Elongation	%	MD 12	±10	EN 12311-1
		TD 12	±10	EN 12311-1
Water tightness	Class	W1		EN 1928, Method A
Classification	Underlay for discontinued roofing – EN 13859-1			
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