

ACU200

TECHNICAL DATA SHEET

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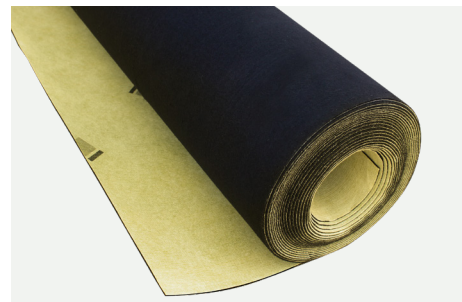
1170/001-DdP-2013/07/01
EN 13956:2012

Product

Flexible membrane for waterproofing, uncoupling, reduce impact sound and vapor pressure control.

Description

Is produced with the latest, state-of-the-art extrusion technology for composites manufacturing. Made by the union of four different layers to solve the current needs, either indoors and outdoors. Suitable to solve waterproofing, decoupling, soundproofing problems and avoid the pressure vapour accumulation in the substrate.



Features	Description	Presentation
544010229	ACU200 20	Roll of 1,5 x 20 m (30 m ²)
544010212	ACU200 10	Roll of 1,5 x 10 m (15 m ²)
544010205	ACU200 5	Roll of 1,5 x 5 m (7,5 m ²)

Features	Test Method	Unit	Tolerance	Value
Water tightness	EN 1928:2000 Meth. B			PASS
Tensile strength	EN 12311-2 Meth. A	N/50 mm	MLV L ≥ 820 MLV T ≥ 1.325	L= 820 T= 1325
Elongation	EN 12311-2 Meth. A	%	MLV L ≥ 85 MLV T ≥ 75	L= 85 T= 75
Static load resistance	EN 12730	Kg	MLV L ≥ 20	20
Impact resistance	EN 12691	mm		2000
Longitudinal tear strength	UNE EN 12310-2		MLV L ≥ 170	170 MLV min (N)
Transversal tear strength	UNE EN 12310-2		MLV T ≥ 200	200 MLV min (N)
Overlap resistance	EN 12317-2	N/50 mm		170
Pliability at low temperature	EN 495-5	°C		-40
Reaction to fire	EN 13501-1	Euroclases		F
Length	EN 1848-2	m	0% and +5%	5, 10 y 20
Width	EN 1848-2	m	-0,5% and +1%	1,5
Weight	EN 1849-2	g/m ²	-5% and +10%	950
Specific weight	EN 1849-2	mm	-5% and +10%	2,00
Visible defects	EN 1850-2	mm		PASS
Straightness	EN 1848-2	mm	g ≤ 50	g=50
Flatness	EN 1848-2	mm	p ≤ 10	p=10
Dimensional stability	EN 1107-02	%	L ≤ 0,2 T ≤ 0,9	L= 0,2 T= 0,9
Effects of chemical products	EN 1847	Values do not change after 28 days in saturated calcium hydroxide solution at 23°C		

DVL: Declared Value Limit (can be minimum or maximum). PND: Performance Determined

Further features	Test Method	Unit	Tolerance	Value
Adhesion of adhesive cementitious C2 on the membrane sheet: tensile	Methodology CSTB	N/mm ²	+/- 10%	0,9
Adhesion of adhesive cementitious C2 on the membrane sheet: shear stress	Methodology CSTB	N/mm ²	+/- 5%	1,28
Coating anti-break (Assessed by TCNA)	ANSI A118.12	Class		HIGH PERFORMANCE
Impact sound reduction Δ L _i W	EN ISO 717-2	Db		10

Storage

Store in original unopened packing, protect from moisture, in place properly ventilated at a maximum temperature of 30°C. Protect from direct sunlight.



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