

ECODRY50

TECHNICAL DATA SHEET

revestech®

Description

Eco-responsible membrane for waterproofing under protection layer of small flat walkable roofs (balconies and terraces) and bathrooms, walls and floors in interior wet areas. It is composed of a polymeric membrane of high-performance thermoplastic polyolefins CPE (EVA-based Circular Polymer), resulting from the transformation and treatment of circular economy raw materials, and extruded on polyester fibers.



1170/014-DdP-2022/09/09
EN 13956:2012



UNE-EN ISO 1425:2010, UNE-EN 15804:
EN 15804:2012 + A2:2019 and PCR 2019:14
Register number S-P-07301

Reference	Description	Presentation
596351752	ECODRY50 450	Roll of 1,5 m x 30 m (45 m²)
596351851	ECODRY50 30	Roll of 1,2 m x 30 m (36 m²)
596351769	ECODRY50 75	Roll of 1,5 m x 5 m (7,5 m²)
596351868	ECODRY50 5	Roll of 1,2 m x 5 m (6 m²)



FEATURES	Test Method	Unit	Tolerance	Value
Length	EN 1848-2	m	MDV: -0 % and +5 %	5 and 30
Width	EN 1848-2	m	MDV: -0,5 % and + 1 %	1, 1,2 and 1,5
Weight	EN 1849-2	g/m²	MDV: -5 % and + 10 %	335
Thickness	EN 1849-2	mm	MDV: -5 % and + 10 %	0,52
Straightness	EN 1848-2	mm	MLV g ≤ 50	50
Flatness	EN 1848-2	mm	MLV p ≤ 10	10
Visible defects	EN 1850-2			PASS
Dimensional stability	EN 1107-02	%	MLV L ≤ -0,2 MLV T ≤ -0,7	L = -0,2 T = -0,7
Dimensional stability at high temperature	ASTM D1204-2014	%	<0,7	70° C L=0,028 T=0,024 -26°C L=-0,029 T=0,018

TECHNICAL DATA	Test Method	Unit	Tolerance	Value
Water tightness	EN 1928 Mét. B			PASS
	ASTM D4068-2017			TOTALLY WATERTIGHT
Elongation	EN 12311-2 Mét. A	%	MLV L ≥ 25 MLV T ≥ 200	L = 25 T = 200
Impact resistance	EN 12691	mm	MLV T ≥ 200	200
Static load resistance	EN 12730 Mét. B	Kg	MLV ≥ 20	20
Pliability at low temperature	EN 495-5	°C	MLV ≥ 40	-40
Reaction to fire	EN 13501-1	Euroclases		E
Overlap resistance	EN 12317-2	N/50 mm	MLV ≥ 600	600
	ASTM D751-2006	lbs./2"	16 (minimum required)	49,16
Tensile strength	EN 12311-2 Met. A	N/50 mm	MLV L ≥ 450 MLV T ≥ 150	L = 450 T = 150
	ASTM D751-2006	PSI	170 (minimum required)	L=3847.9 T=1215.5
Crack bridging capability	UNE EN 1062-7 Met. C	mm		1,5
Alkali resistance	UNE EN 1847			Category 1*
Resistance to fungi and micro-organisms	ANSI A118.10-2014			COMPLIANCE
Effects of chemicals	EN 1847	Values do not change after 28 days in saturated calcium hydroxide solution at 23 °C		

after 4 weeks at 80 °C the tensile properties do not change by more than 20% compared to the unaged ones
THIS PRODUCT DOES NOT CONTAIN DANGEROUS SUBSTANCES



responsible
waterproofing

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WATER VAPOUR PROPERTIES	Test Method	Unit	Tolerance	Value
Water vapour transmission	ASTM E96-2016	g/24 hr.m2		8,07
Resistencia a la difusión de vapor de agua		m2.h.Pa/mg	> 2,7 m2 •h•Pa/mg	9,75
Water vapour permeability		ng/Pa*s*m2		67,35
Permanence		grains per hr.in.Hg.ft2		1,18

VAPOUR BARRIER COMPLIANCE WITH CTE REQUIREMENT DB HS1

OTHER CHARACTERISTICS	Test Method	Unit	Tolerance	Value
Water resistance of overlap cementitious adhesive C2	Water column	1 m / 24 h		WATERTIGHT
Adhesion after 20 days of water immersion of C2 cementitious adhesive on the membrane: TENSION	MPa			≥ 0,5
Adhesion after 20 days of water immersion of C2 cementitious adhesive on the membrane: TENSION	MPa			≥ 0,5
Adhesion of adhesive cementitious C2 on the membrane sheet: SHEAR STRESS	ASTM C482-2002	PSI	>50	132,4
Impact strenght with ceramic coating	Methodology CSTB	Number of shocks		4

MLV: Manufacturer's Limiting Value. MDV: Manufacturer's Declared Value.

Storage

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

