

Excellent

Description	High performance BRoofT2 APAO-polyolefine modified bitumen membrane for roofing works. This product is designed as single layer or base layer in multi-layer system for both new roofing works and refurbishment works. This product is also approved for four	
CE	Single layer or layer for multi layer roofing systems according with EN13707. Layer for foundation waterproofing works according with EN13969.	
Field of use	Exposed not-accessible roofs, technical roofs exposed or under heavy protection. Foundations waterproofing works.	
Certifications and Agreements	External Fire performance BRoofT2 for 2-layer system for combustible and non-combustible substrate. CE marking - FPC certificate number 1370-CPR-0042	
Composition	Top Surface: PP non-woven	
	Back Surface: Film	
	Reinforcement: Polyester reinforced with fiber glass	
Method of application	Fully torch applied	
Dimension and packaging	Excellent	4PL
	Thickness (mm)	4,0
	Weight (kg/m2)	-
	Rolls (m)	1X10



Property	Test Method	Unit	Value	Tolerance
Lenght	EN 1848-1	m	10	-1%
Width	EN 1848-1	m	1,0	-1%
Thickness	EN 1849-1	mm	4,0	±0,2
Weight	EN 1849-1	Kg/m2	NPD	±10%
Tensile strength at max	EN 12 311-1	L x T (N/50mm)	1600/1600	-20%
Elongation at max	EN 12 311-1 1999	L x T (%)	15/15	-15
Nail tearing resistance	EN 12 310-1	L x T (N)	250/300	-30%
Static load	EN 12 730	Kg	10	≥
Resistance to impact	EN 12691	mm	800	≥
Joints Shear resistance	EN 12317-1	N / 50mm	700	-20%
Flexibility at low temperature	EN 1109	(°C)	-35	≤
Flow resistance at elevated temperature	EN 1110	(°C)	150	≥
Flow resistance at elevated Temperature after thermal ageing	EN1296 EN 1110	(°C)	NPD	-
Dimensional stability	EN 1107-1	%	±0,2	≤
Watertightness	EN 1928-B	kPa	60	≥
Mineral surface adhesion	EN 12039	%	NPD	-
Reaction to fire	EN 13501-1	-	E	-
External fire performance (1)	EN 13501-5	-	B _{Roof} T2	-

(1) 2-layer system with 2-layer Excellent Mineral for combustible and non combustible substrate

Storage

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

Modifications

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the updated technical data sheet, please contact our technical department.