

# Excellent Minerale

<b>Description</b>	High performance BRoofT2 APAO-polyolefine modified bitumen membrane for roofing works. This product is designed single layer or top layer in multi-layer systems for both new roofing works and refurbishment works.	
<b>CE</b>	Single layer or layer for multi layer roofing systems according with EN13707.	
<b>Field of use</b>	Exposed not-accessible roofs, technical roofs exposed or under heavy protection.	
<b>Certifications and Agreements</b>	External Fire performance BRoofT2 with 2-layer system for combustible and non-combustile substrates. CE marking - FPC certificate number 1370-CPR-0042	
<b>Composition</b>	<b>Top Surface:</b> Mineral slate or Granules	
	<b>Back Surface:</b> Film	
	<b>Reinforcement:</b> Polyester reinforced with fiber glass	
<b>Method of application</b>	Fully torch applied	
<b>Dimension and packaging</b>	<b>Excellent</b>	<b>4PL</b>
	Thickness (mm)	4,0 on selvedge
	Weight (kg/m2)	5,2
	Rolls (m)	1X8



Property	Test Method	Unit	Value	Tolerance
Lenght	EN 1848-1	m	8,0	-1%
Width	EN 1848-1	m	1,0	-1%
Thickness on selvedge	EN 1849-1	mm	4,0	±0,2
Weight	EN 1849-1	Kg/m2	5,2	±10%
Tensile strength at max	EN 12 311-1	L x T (N/50mm)	900/750	-20%
Elongation at max	EN 12 311-1 1999	L x T (%)	50/50	-15
Nail tearing resistance	EN 12 310-1	L x T (N)	200/200	-30%
Static load	EN 12 730	Kg	25	≥
Resistance to impact	EN 12691	mm	1250	≥
Joints Shear resistance	EN 12317-1	N / 50mm	700/700	-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	%	±0,3	≤
Watertightness	EN 1928-B	kPa	60	≥
Mineral surface adhesion	EN 12039	%	30	≤
Reaction to fire	EN 13501-1	-	E	-
External fire performance (1)	EN 13501-5	-	B <sub>Roof</sub> T2	-

(1) 2-layer system with 1-layer Excellent 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.