

ECOTORCH

Description : elastomeric polymer bitumen membrane BPE, compound in distilled bitumen modified with high molecular weight polymer, reinforced with nonwoven polyester fabric, top face coated with hot-bonded slate granules

Field of Application : top layer, self protected, in a multi-layer waterproofing system

Method of Application : torched-on

Applicable Directive : EN 13707

Dangerous Substances : the product does not contain dangerous substances (D.L 152/06)

CHARACTERISTIC	EN DRC	UNIT	VALUE		TOL
Visible Defects	EN 1850-1	-----	pass		-----
Thickness	EN 1849-1	mm			npd
Areic Mass	EN 1849-1	kg/m ²	5,0		-10%
Width and Length	EN 1848-1	m	1,00	10,00	-1%
Straightness	EN 1848-1	mm	max 20		pass
Max Tensile Force (L / T)	EN 12311-1	N/5cm	600	400	-20%
Elongation (L / T)	EN 12311-1	%	40	40	-15 abs
Resistance to Tearing (L / T)	EN 12310-1	N/5cm	140	140	pass
Resistance to Static Loading	EN 12730-A	kg	15		pass
Resistance to Impact	EN 12691	mm	800		pass
Joint Strength (L / T)	EN 12317-1	N/5cm			npd
Peel Resistance of Joint	EN 12316-1	N/5cm			npd
Pliability (Cold Flexibility)	EN 1109	°C	-10		pass
Pliability (Aged)	EN 1296	°C	0		npd
Uv Ageing (Visible Defects)	EN 1297	-----			npd
Watertightness	EN 1928	kPa	60		pass
Water Vapour Permeability	EN 1931	μ x 1.000	20 (default)		npd
Water Vapour Permeability (Aged)	EN 1296	μ x 1.000			npd
Form Stability (New / Aged)	EN 1110	°C	100		pass
Dimensional Stability (L / T)	EN 1107-1	%	-0,5	+0,5	pass
Root Resistance	MBP Group	% add			npd
External Fire Performance	EN 13501-5	class	F(roof)		npd
Reaction to Fire	EN 13505-1	class	F		npd
Adhesion of Granules (Mineral Version)	EN 12039	%	≤ 30		pass

Standard	Thickness	mm			4	5
	Rolls x Pallet	n°	-----	-----	-----	-----
Mineral	Areic Mass	kg/m ²			4,5	5,0
	Rolls x Pallet	n°	-----	-----	25	25
Upper Finishing		slate chips/granules (mineral self-protection)				
Lower Finishing		thermo-fusible polyethylene / polypropylene film				
Packaging		shrinkable polyethylene film, on pallet				
Additional Info		" Polymer Bitumen Membrane Info Sheet ", current release				

technical data declared may vary without previous notice

rev 000 - 04.2008

