

Viapol Ecotorch Polyester

Description : elastomeric polymer bitumen membrane BPE, compound in distilled bitumen modified with high molecular weight polymer, reinforced with nonwoven polyester fabric

Field of Application : base or intermediate layer in a multi-layer waterproofing system - top layer, under heavy protection, in a multi-layer, light traffic, waterproofing system - below grade foundations and walls

Method of Application : torched-on

Applicable Directive : EN 13707 - EN 13969

Dangerous Substances : the product does not contain asbestos or tar

CHARACTERISTIC	EN DRC	UNIT	VALUE		TOL
Visible Defects	EN 1850-1	-----	pass		-----
Thickness	EN 1849-1	mm	3 / 4 / 5		-10%
Areic Mass	EN 1849-1	kg/m ²			npd
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	500	350	-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 Strenght (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			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
Flow resistance (New / Aged)	EN 1110	°C	100		pass
Dimensional Stability (L / T)	EN 1107-1	%	-0,5	+0,5	pass
Root Resistance	EN 13948	-----			npd
External Fire Performance	EN 13501-5	class	F(roof)		npd
Reaction to Fire	EN 13501-1	class	F		npd
Adhesion of Granules (Mineral Version)	EN 12039	%			npd

Topside Finish	anti-aderent dotted talc					
Underside Finish	thermo-fusible polyethylene film					
Pallet composition	Thickness	mm	2	3	4	5
	Rolls x Pallet	n°	-----	30	25	20
Packaging	shrinkable polyethylene film, on pallet					
Additional info	" Polymer Bitumen Membrane Info Sheet ", current release					

technical data declared may vary without previous notice

rev 002 - 08.2013



Vetroasfalto SpA
 Via Pascoli, 3 - 20060 Basiano (MI) - Italy
 tel +39.02.959831 - fax +39.02.95983555
 email: vetroasfalto@vetroasfalto.com
 www.vetroasfalto.com
 Quality Assurance : UNI EN ISO 9001:2008
 Certificate : 0546/CPD-16876

