

Viapol Siderflex Polyester 45 Mineral CE

Description : elastomeric polymer bitumen membrane BPE, compound in distilled bitumen modified with high molecular weight polymer, reinforced with nonwoven spunbond polyester fabric, glass stabilized , top face coated with hot-bonded slate granules. This membrane membrane has been granted a specific "Technical Agreement" ITC, which includes also single layer applications

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 asbestos or tar

CHARACTERISTIC	EN DRC	UNIT	VALUE		TOL
Visible Defects	EN 1850-1	-----	pass		-----
Thickness (overlap strip)	EN 1849-1	mm	4,0		-2%
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	900	700	-20%
Elongation (L / T)	EN 12311-1	%	45	45	-15 abs
Resistance to Tearing (L / T)	EN 12310-1	N/5cm	160	160	pass
Resistance to Static Loading	EN 12730-A	kg	20		pass
Resistance to Impact	EN 12691	mm	1.200		pass
Joint Strenght (L / T)	EN 12317-1	N/5cm	900	700	npd
Peel Resistance of Joint	EN 12316-1	N/5cm			npd
Pliability (Cold Flexibility)	EN 1109	°C	-25		pass
Pliability (Aged)	EN 1296	°C	-10		npd
Uv Ageing (Visible Defects)	EN 1297	-----	pass		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	100	pass
Dimensional Stability (L / T)	EN 1107-1	%	-0,25	+0,15	pass
Root Resistance	EN 13948	-----			npd
External Fire Performance	EN 13501-5	classe	F(roof)		npd
Reaction to Fire	EN 13501-1	classe	F		npd
Adhesion of Granules (Mineral Version)	EN 12039	%	≤ 30		pass

Topside Finish	slate chips/granules (mineral self-protection)					
Underside Finish	thermo-fusible polyethylene / polypropylyene film					
Pallet composition	Thickness	kg/m ²	3,5	4,0	4,5	5,0
	Rolls x Pallet	n°	-----	-----	20	-----
Packaging	shrinkable polyetylene film, on pallet					
Additional info	" Polymer Bitumen Membrane Info Sheet ", current release					

technical data declared may vary without previous notice

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