

# Viapol Techno Phase PE Mineral CE

**Description** : elastomeric, **thermo-adhesive**, polymer bitumen membrane BPE, compound in distilled bitumen modified with high molecular weight polymer, reinforced with nonwoven polyester fabric, glass stabilized, top face coated with hot-bonded slate granules. The particular polymeric blend used offers great thermo-adhesive characteristics

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

**Method of Application** : upperside torching-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	EN 1849-1	mm			npd
Areic Mass	EN 1849-1	kg/m <sup>2</sup>	4 / 4,5 / 5		-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	500	350	-20%
Elongation ( L / T )	EN 12311-1	%	40	40	-15 abs
Resistance to Tearing ( L / T )	EN 12310-1	N/5cm	140	160	pass
Resistance to Static Loading	EN 12730-A	kg	15		pass
Resistance to Impact	EN 12691	mm	700		pass
Shear resistance of joints ( L / T )	EN 12317-1	N/5cm			npd
Peel Resistance of Joints	EN 12316-1	N/5cm			npd
Pliability ( Cold Flexibility )	EN 1109	°C	-25		pass
Pliability ( Aged )	EN 1296	°C	-10		pass
Uv Ageing ( Visible Defects )	EN 1297	-----	pass		-----
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 resist. at high temperature ( New / Aged )	EN 1110	°C	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	anti-adherent polypropylene removable film					
Pallet composition	Areic Mass	kg/m <sup>2</sup>	3,5	4,0	4,5	5,0
	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

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