

# Viapol Techno Ponti



**Description** : Plastomeric polymer bitumen membrane BPP, compound in distilled bitumen modified with high molecular weight polymer, reinforced with non woven polyester strand.

**Field of Application** : waterproofing of concrete bridge decks and trafficked areas of concrete bonded to the concrete deck and overlaid by asphalt. Waterproofing system under heavy protection

**Method of Application** : torched-on

**Applicable Directive** : EN 14695

**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	5,0		-0,2	
Areic Mass	EN 1849-1	kg/m <sup>2</sup>			npd	
Width and Length	EN 1848-1	m	1,00	10 (7,5)	-1%	
Straightness	EN 1848-1	mm	Max 15		pass	
Max Tensile Force ( L / T )	EN 12311-1	N/5cm	1.100	900	-20%	
Elongation ( L / T )	EN 12311-1	%	50	50	-15 abs	
Resistance to Tearing ( L / T )	EN 12310-1	N/5cm	200	200	pass	
Resistance to Static Loading	EN 12730-A	kg	25		pass	
Resistance to Impact	EN 12691	mm	1.700		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	-15		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	130		pass	
Dimensional Stability ( L / T )	EN 1107-1	%	-0,25	0,15	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	%			npd	
<b>SPECIFICATION FOR WATERPROOFING OF CONCRETE BRIDGE DECKS AND TRAFFICKED AREAS (EN 14695)</b>						
Resistance to water pressure	EN 14694	kPa	500		pass	
compatibility by heat conditioning	EN 14691	%	250		pass	
Shear strength	EN 13653	N/mm <sup>2</sup>	0,17		pass	
Resistance to compaction of an asphalt layer	EN 14692		pass			
Behaviour during application of mastic asphalt	EN 14693		pass			
Crack bridging ability	EN 14224	°C	-10		pass	
Bond strength	EN 13596	N/mm <sup>2</sup>	≥ 0,4		pass	
Topside Finish	anti-aderent dotted talc					
Underside Finish	thermo-fusible polyethylene film					
Pallet composition	Thickness	mm	2	3	4	5
	Rolls x Pallet	n°	----	----	23	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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