



VIAKRON SUPER

High performance APP modified bitumen waterproofing membrane for bridge works, flat roofs and foundations.

APPLICATION FIELDS

VIAKRON SUPER is a single-layer system for waterproofing of bridge decks (EN 14695), roofing systems (EN 13707) and foundations (EN 13696).

CERTIFICATIONS AND AGREEMENTS

CE Marking – FPC certificate number 1370-CPR-0042

COMPOSITION

Top face: Fine sand or PP-Film or Slate

Bottom face: PE-Film

Reinforcement: Polyester reinforced with fiberglass

DIMENSIONS AND PACKAGING

Thickness / mm	Weight Kg/m ²	Roll size / m	Rolls / Plt	Plt size / cm
4	5,1	1 x 10	25	114 x 114
5	6,6	1 x 10	20	



Properties	Test Method	Unit	Value	Tolerance
Lenght	EN 1848-1	m	10	-1%
Width	EN 1848-1	m	1	-1%
Thickness	EN 1849-1	mm	4,0 / 5,0	±0,2
Weight	EN 1849-1	Kg/m ²	5,1 / 6,6	±10%
Tensile strength at max	EN 12 311-1	L x T (N/50mm)	1200/1100	±20%
Elongation at max	EN 12 311-1	L x T (%)	45/45	-15
Nail tearing resistance	EN 12 310-1	L x T (N)	250 / 250	±20%
Static load	EN 12730	Kg	35	≥
Resistance to impact	EN 12691	mm	1750	≥
Joints Shear resistance	EN 12317-1	N / 50mm	850/700	±20%
Flexibility at low temperature	EN 1109	°C	-10	≤
Flow resistance at elevated temperature	EN 1110	°C	100	≥
Flexibility at low temperature after thermal ageing	EN 1296 / EN 1109	°C	NPD	±5
Flow resistance at elevated temperature after thermal ageing	EN 1110	°C	100	-10
Dimensional stability	EN 1107-1	%	±0,5	≤
Watertightness	EN 1928-B	kPa	100	≥
Reaction to fire	EN 13501-1	-	E	-
External fire performance	EN 13501-5	-	Froof	-

Properties EN 14695	Test method	Unit	Value	Tolerance
Water absorption	EN 14223	%	0,5	≤
Determination of bond strength with solvent based bitumen primer PRIMERKRON-S	EN13596	N/mm ²	0,5	≥
Determination of bond strength with epoxy primer EPOXYKRON AB	EN 14223	N/mm ²	0,8	≥
Shear strength with PRIMERKRON-S	EN 13653	N/mm ²	0,15	≥
Determination of crack bridging ability	EN 14224	°C	NPD	-
Compatibility by heat conditioning	EN 14691	%	Pass	-
Resistance to compaction of an asphalt layer	EN 14692	-	Pass	-
Determination of the behaviour of bitumen sheets during application of mastic asphalt at 220°C	EN 14693	-	Pass	-
Resistance to dynamic water pressure after damage without pre-treatment	EN 14694	kPa	Pass	-
Resistance to dynamic water pressure after damage by pre-treatment	EN 14694	kPa	NPD	-

WORKING TEMPERATURE IN OPERATION

-30 °C / + 80 °C

STORAGE

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

The figures shown are average indicative figures relevant to current production and may be changed or updated by KRONGUM SOLUTIONS S.r.l. at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.