



WATERPROOFING

APPLICATIONS

ROOFS

FOUNDATIONS

SOPRASUN 3 P

TECHNICAL DATA SHEET APTDS-E-16-01

DESCRIPTION

APP plastomeric bitumen-based waterproofing membrane with non-woven polyester felt reinforcement. It can be applied as upper layer in multi-ply systems. Application: Torch-on.

COMPOSITION

Composition	Test Method	SOPRASUN 3 P
Upper finish	-	composite polyester
Underside finish	-	sand
Dimensions	-	Foil
Coating mass	-	APP
Thickness	EN 1849-1	3 -0,2/+0,3 mm
Thickness in overlap	EN 1849-1	-
Compound per area unit	EN 1849-1	-

PROPERTIES

CHARACTERISTICS	Test Method	SOPRASUN 3 P
External fire behaviour	ENV 1187	-
Fire reaction	EN 13501-1:2002 (EN ISO 11925-2)	E
Watertightness	EN 1928:2000 (B)	Pass (10 kPa)
Maximum tensile strength (L x T)	EN 12311-1	700 ± 200 450 ± 150 N/50mm
Elongation (L x T)	EN 12311-1	45 ± 15 45 ± 15 %
Root penetration resistance	EN 13948	NE
Static load resistance	EN 12730 (A)	≥ 15kg
Impact resistance	EN 12691:2006	≥ 1000mm
Tear strength (nail) (L x T)	EN 12310-1	NE N
Joint peel resistance	EN 12316-1	NE N/50mm
Joint shear resistance (L x T)	EN 12317-1	NE N/50mm
Artificial ageing by long-term exposure to high temperature	EN 1296 12 sem/weeks	NPD (EN 1109/1110)
Artificial ageing by long term exposure to the combination of UV radiation, high temperature and water	EN 1297	NPD (EN 1850-1)
Flexibility at low temperature	EN 1109	≤ -5°C
Hazardous substances	-	PND

NE - Not relevant, NPD - No performance determined
(All values are nominal)





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OTHER CHARACTERISTICS

CHARACTERISTICS	Test Method	SOPRASUN 3 P
Visible defects	EN 1850-1	Pass
Straightness	EN 1848-1	Pass (<20 mm/10 m)
Watertightness after stretching at low temperature	EN 13897	-
Dimensional stability	EN 1107-1	≤ 0.5%
Form stability under cyclic temperature change	EN 1108	NE mm
High temperature flow resistance	EN 1110	≥ 120°C
Granule adhesion	EN 12039	NE %
Water vapour transmission properties	EN 1931	20.000 μ

NE - Not relevant, NPD - No performance determined
(All values are nominal)

