

ANTIROCK ASP SR 3.5 mm



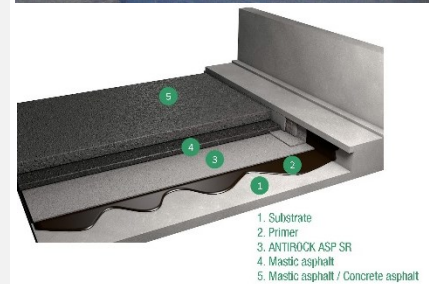
BITUMINOUS MEMBRANE UNDER MASTIC ASPHALT FOR BRIDGES AND PARKING DECKS

USE

ANTIROCK ASP SR can be used on road bridges, car parks or slabs under a layer of mastic asphalt covered by a protection layer of mastic asphalt or concrete asphalt.

The membrane is welded and smoothed onto a substrate prepared with primer: ELASTOCOL 500 TP, AQUADERE TP (solvent-free primer), REKU P70 (PMMA resin) or REKU P30 (epoxy resin).

The asphalt is laid directly onto the membrane.



APPLICATION

The welding is performed either manually with a flame, or automatically using hot air (MACADEN or Mini-Mammoth systems). If the welding is performed manually, the membrane and the primed substrate are heated alternately.

A 90mm selvedge with no slate chippings ensures easy overlapping.

The overlay (total thickness) has to be installed within one week of installation of the ANTIROCK ASP SR membrane. This recommended time can be reduced in the case of strong temperatures variations.

In hot weather or if the membrane is left unprotected for more than one week, a PARUVEL-type solar protection coating must be applied.

DESCRIPTION

ANTIROCK ASP SR membrane is a torchable waterproofing membrane made from polymer modified bitumen (SBS elastomer). The bitumen coats a non-woven polyester reinforcement mesh (165g/m²) reinforced by a fibre glass mesh (8 g/m²). Both sides have a thermofusible film.

SOPREMA prides itself in working with the highest quality products. We operate with quality assurance systems, and are certified ISO 9001.

- ✓ High level of adherence to the substrate
- ✓ High temperature stability
- ✓ Automated installation

CHARACTERISTICS


ESSENTIAL CHARACTERISTICS	Standard	ANTIROCK ASP SR	
Watertightness			EN 14695 & EN 13707
Watertightness	EN 14694	Pass	
Water absorption (%)	EN 14223	1	
Tensile properties			
Tensile strength (L / T) (N/50 mm)	EN 12311-1	≥ 670 x 450	
Elongation (L / T)		30 x 30	
Bond strength (N/mm ²)	NF P 98 282 EN 13596	≥ 0.4 (at 20°C) ≥ 0.7 (at 23°C)	
Crack bridging ability (°C)	EN 14224	NPD	
Compatibility by heat conditioning	EN 14691	100	
Flexibility at low temperature (CBR) (°C)	EN 1109	-4	
Shear strength (N/mm ²)	EN 13653	0.3	
Resistance to thermal impact			
Surface proportion (%)	EN 14691	0	
Thickness variation (mm)		0.5	
Resistance to compaction of an asphalt layer	EN 14692	Pass	
Durability at thermal ageing			
Flexibility at low temperature	EN 1109	NPD	
Flow resistance at elevated temperature (°C)	EN 1110	80	
Dangerous substances (Notes 1 & 2)	-	Complies	
Classification for external fire exposure (Note 3)	ENV 1187	F _{ROOF} (t1, t2, t3, t4)	EN 13707
Reaction to fire	EN 13501-1	E	
Root resistance	EN 13948	NPD	
Resistance to static loading (kg)	EN 12730	20	
Resistance to impact (mm)	EN 12691	1000	
Resistance to tearing (N)	EN 12310-1	≥ 200	
Joint strength			
Peel resistance of joints (N / 50 mm)	EN 12316-1	≥ 100	
Shear resistance of joints (N/50 mm)	EN 12317-1	≥ 450	

Note 1: This product does not contain asbestos or tar constituents.

Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.

Note 3 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.

OTHER CHARACTERISTICS	Standard	ANTIROCK ASP SR
Mass per unit area	EN 1849-1	3.9 kg/m ²
Thickness	EN 1849-1	3.5 mm
Maximum tensile force / Elongation		
Longitudinal	EN 12311-1	18 daN/cm / 40%
Transverse		15 daN/cm / 45%
Flexibility at low temperature (°C)	EN 1109	-10

PACKAGING

Dimensions	10 ml x 1 m / Jumbo rolls 200 ml x 1 m 10 ml x 0.33 m / 10 ml x 0.25 m (for upstands)
Number of rolls per pallet	25 rolls / 1 Jumbo roll
Storage	Upright on pallet



CE MARKING

Unique identification code of the product-type: WPBFR0003.

ANTIROCK ASP SR membranes are CE marked in accordance with EN 14695 and EN 13707.

CERTIFICATION

ANTIROCK ASP SR has obtained the following certifications:

France:

- CEREMA technical approvals (with Elastocol 500 TP or Aquadere TP and resin FLASHING TP for upstands)