



ANTIROCK ASP SR (3.5 mm)

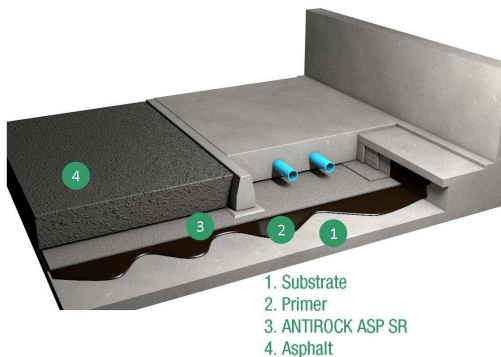
BITUMINOUS MEMBRANE UNDER ASPHALT FOR CIVIL ENGINEERING WORKS

USE – APPLICATION

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

The membrane is welded and smoothed onto a substrate prepared with primer: ELASTOCOL 500 TP or AQUADERE TP (solvent-free primer).

The asphalt is poured directly onto the membrane.



The membrane is pre-heated before being applied and then the primed substrate and the bituminous sheet are heated alternately. The welding is performed: either manually with a flame, or automatically using hot air (MACADEN system).

A 90 mm selvedge ensures easy overlapping.

In hot weather, a PARUVEL-type solar protection coating must be applied if the membrane is left unprotected for more than 5 days.

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.

CIVILROCK attaches the highest importance to the quality of its products. This is why we operate a quality assurance system according to ISO 9001 BSI certified.

MAIN ADVANTAGES

- Dimensional stability at high temperature when pouring the asphalt
- Flexible when cold and hot
- High puncture resistance
- High mechanical resistance
- Good weldability
- Possibility of automated installation, with standard rolls (mini-MACADEN) or long rolls (MACADEN)



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CHARACTERISTICS

	Standard	Average value
Mass per unit area	EN 1849-1	3.9 kg/m ²
Thickness	EN 1849-1	3.5 mm
Maximum tensile force / Elongation Longitudinal Transverse	EN 12311-1	18 daN/cm / 40% 15 daN/cm / 45%
Water absorption at 20°C after 30 days	EN 14223	< 2.5%
Flexibility at low temperature	EN 1109	-10°C
Creep resistance at high temperature	EN 1110	100°C
Adherence to concrete	NF-P 98 282 EN 13 596	≥ 0.4 N/mm ² ≥ 0.7 N/mm ²
Shear strength	EN 13 653	≥ 0.3 N/mm ²
Watertightness	EN 14694	Compliant

PACKAGING

Dimensions	10 ml x 1m / Jumbo rolls 200 ml x 1m 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

CERTIFICATION

ANTIROCK ASP SR has obtained the following certifications:

France:

- SETRA technical approval (with ELASTOCOL 500 TP primer and resin FLASHING TP for upstands)

Czech Republic:

- TZUS (with ELASTOCOL 500 TP primer)



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CE MARKING

ANTIROCK P bitumen sheets are used for waterproofing of concrete bridge decks and others trafficked areas of concrete.

 1119		
ANTIROCK ASP SR SOPREMA 14 Rue de St-Nazaire – CS 60121 67025 STRASBOURG Cedex 13 DOP n° WPBFRO03 Certificate of Factory Production Control : 1119-CPR-13105, 13106 and 13107		
EN 14695 : 2010 Reinforced bitumen sheet made of polyester stabilised, elastomeric bitumen, and a thermofusible plastic film on both sides, dimensions of 10 m x 1 m x 3,5 mm. Applied manually with a flame or automatically.		
ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Watertightness Watertightness Water absorption (%)	Conform 1	EN 14695:2010
Tensile properties : Tensile strength LxT (N/50 mm) Elongation LxT (%)	≥ 670 x 450 30 x 30	
Bond strength (N/mm ²)	0,7	
Crack bridging ability (°C)	NPD	
Compatibility (%)	100	
Flexibility at low temperature (°C)	-4	
Shear strength (N/mm ²)	0,3	
Resistance to thermal impact Surface proportion (%) Thickness variation (mm)	0 0,5	
Puncture resistance (compaction)	NPD	
Durability Flexibility at low temperature Flow resistance at elevated temperature (°C)	NPD 80	
Dangerous substances (Notes 1 & 2)	Complies	

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

Note 2 : Since there is no European test method available, no performance declaration for leaching behavior can be made. It must be made according to national rules in force in the place of use.



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ANTIROCK ASP SR

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67025 STRASBOURG Cedex
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DOP n° WPBF002
Certificate of Factory Production Control : 2007-CPR-13105, 13107 and 13109

EN 13707 : 2004 + A2 : 2009

Reinforced bitumen sheet made of polyester stabilised, elastomeric bitumen, and a thermofusible plastic film on both sides, dimensions of 10 m x 1 m x 3,5 mm.
Applied manually with a flame or automatically.

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Classification for external fire exposure (Note 1)	F _{ROOF} (t1, t2, t3, t4)	EN 13707 : 2004 + A2 : 2009
Reaction to fire	E	
Watertightness	Conform	
Tensile properties Tensile strength L x T (N / 50 mm) Elongation L x T (%)	≥ 670x450 30x30	
Root resistance	NPD	
Resistance to static loading (kg)	20	
Resistance to impact (mm)	1000	
Resistance to tearing (N)	≥ 200	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N/50 mm)	≥ 100 ≥ 450	
Durability Flow resistance at elevated temperature after ageing	80°C	
Flexibility at low temperature	-4°C	
Dangerous substances (Notes 2 & 3)	Complies	

Note 1 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.

Note 2 : This product does not contain asbestos or tar constituents.

Note 3 : Since there is no European test method available, no performance declaration for leaching behavior can be made. It must be made according to national rules in force in the place of use.



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