

ANTIROCK ASP 40 4.0 mm



BITUMINOUS MEMBRANE UNDER MASTIC ASPHALT FOR BRIDGES AND PARKING DECKS

USE

ANTIROCK ASP 40 can be used for road bridges, rail bridges, car parks or slabs under a layer of gravel asphalt recovered by mastic asphalt or ballast.

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-Mammouth 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 40 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 40 membrane is a torchable waterproofing membrane made from polymer modified bitumen (SBS elastomer). The bitumen coats a non-woven polyester reinforcement mesh (250 g/m²). The underside is covered by a thermo-fusible plastic film and the top surface is protected by a non-woven synthetic fibre fabric.

The non-woven top layer is white and protects against UV rays during the construction phases. It therefore does not require any form of temporary protection.

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 mechanical resistance
- ✓ Automated installation

CHARACTERISTICS


ESSENTIAL CHARACTERISTICS	Standard	ANTIROCK ASP 40	EN 14695
Watertightness			
Watertightness	EN 14694	Pass	
Water absorption (%)	EN 14223	1	
Tensile properties			
Tensile strength (L / T) (N/50 mm)	EN 12311-1	≥ 800 x 800 40 x 40	
Elongation (L / T)			
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	NPD	
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	

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.

OTHER CHARACTERISTICS	Standard	ANTIROCK ASP 40
Mass per unit area	EN 1849-1	4.3 kg/m ²
Thickness	EN 1849-1	4.0 mm
Maximum tensile force / Elongation		
Longitudinal	EN 12311-1	20 daN/cm / 50%
Transverse		15 daN/cm / 55%

PACKAGING

Dimensions	10 ml x 1 m / Jumbos 200 ml x 1 m
Number of rolls per pallet	25 rolls / 1 Jumbo
Storage	Upright on pallet

CE MARKING

Unique identification code of the product-type: WPBFR0001. ANTIROCK ASP 40 membranes are CE marked in accordance with EN 14695.

CERTIFICATION

ANTIROCK ASP 40 has obtained the following certifications:

France:

- SNCF approvals (with Elastocol 500 TP, Aquadere TP or REKU P70 primers and resin FLASHING TP for upstands)