

ANTIROCK BRIDGE (4.0 mm)

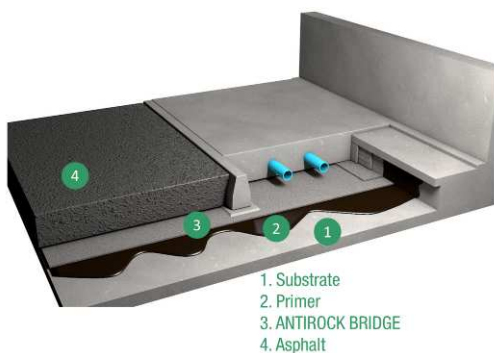
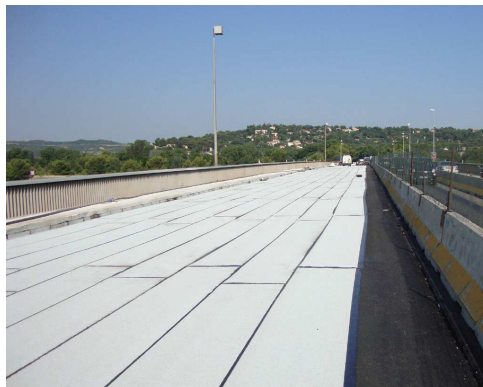
BITUMINOUS MEMBRANE UNDER ASPHALT FOR BRIDGES AND PARKING DECKS

USE – APPLICATION

ANTIROCK BRIDGE can be used for road bridges, rail bridges, car parks or slabs directly underneath one or more layers of asphalt (under 200°C).

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

The asphalt is laid directly onto the membrane.



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

A 100mm selvedge with no slate chippings ensures easy overlapping.

PRESENTATION - PRODUCTION

ANTIROCK BRIDGE is a torchable waterproofing membrane made from polymer modified bitumen (SBS elastomer) with a non-woven polyester reinforcement mesh (250g/m²). The underside is covered by a thermofusible plastic film and the top surface is protected by slate chippings.

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

- Certificates for trafficked parking decks and concrete bridges decks (BBA and HAPAS)
- Used directly underneath asphalt
- Possibility of automated installation, with standard rolls (mini-MACADEN) or long rolls (MACADEN)
- Flexible when cold and hot
- Good weldability
- High mechanical resistance
- High puncture resistance



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CHARACTERISTICS

ESSENTIAL CHARACTERISTICS	Standard	Performance	EN 14695:2010
Watertightness			
Watertightness	EN 14694	Pass	
Water absorption	EN 14223	0,75	
Tensile properties	EN 12311-1		
Tensile strength (L / T)		≥ 550 N/50mm / ≥ 400 N/50mm	
Elongation (L / T)		≥ 30% / ≥ 30%	
Bond strength	EN 13596	0.67 N/mm ²	
Crack bridging ability	EN 14224	-10°C	
Compatibility by heat conditioning	EN 14691	100 %	
Flexibility at low temperature (CBR)	EN 1109	-10°C	
Shear strength	EN 13653	0.3 N/mm ²	
Resistance to thermal impact			
Surface proportion (%)	EN 14693	NPD	
Thickness variation (mm)		NPD	
Resistance to compaction of an asphalt layer	EN 14692	Pass	
Durability at thermal ageing			
Flexibility at low temperature	EN 1109	0°C	
Flow resistance at elevated temperature	EN 1110	80°C	
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	Performance
Mass per unit area	EN 1849-1	4.7 kg/m ²
Thickness	EN 1849-1	3.3 mm on the selvedge 4.0 mm on protections

PACKAGING

Dimensions	8 ml x 1 m / Jumbos 200 ml x 1 m
Weight	38 kg / 940 kg
Number of rolls per pallet	30 rolls / 1 Jumbo
Storage	Upright on pallet

Other lengths available on request

CE MARKING

Unique identification code of the product-type: WPBEX001.

ANTIROCK BRIDGE membranes are produced by SOPREMA factory (SOPREMA group) in Strasbourg (France) and are CE marked no. 1119-CPR-13105 in accordance with EN 14695:2010.

CERTIFICATIONS

ANTIROCK BRIDGE has obtained the following certifications:

United Kingdom:

- Agrément Certificate (BBA) for trafficked parking decks (with Elastocol 500 TP or Aquadere TP primers)
- HAPAS Certificate (BBA) on concrete decks of highway bridges (with Elastocol 500 TP or Aquadere TP primers)



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