

ANTIROCK P 4.7 mm



BITUMINOUS MEMBRANE UNDER CONCRETE ASPHALT FOR BRIDGES AND PARKING DECKS

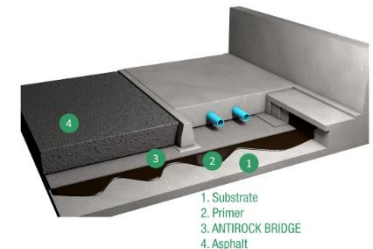
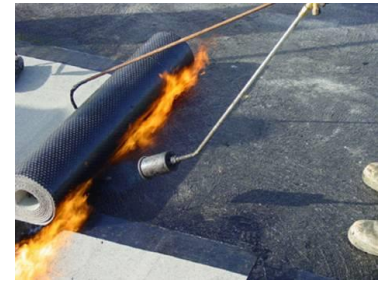
USE

ANTIROCK P can be used for road bridges, rail bridges, car parks or slabs directly underneath one or more overlays (concrete asphalt, concrete...).

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

The asphalt is laid directly onto the membrane.

A separation screen is necessary for the case of a concrete protection slab.



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 P 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 P membrane 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.

The grey-coloured slate chippings provide excellent mechanical protection during the application of coated materials as well as protecting against UV rays during the construction phases. It therefore does not require any form of temporary protection.

On request, ANTIROCK P can be anti-root treated.

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 P	EN 14695
Watertightness			
Watertightness	EN 14694	Pass	
Water absorption (%)	EN 14223	0.75	
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)	EN 13596	≥ 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 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	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 P
Mass per unit area	EN 1849-1	5.3 kg/m ²
Thickness	EN 1849-1	4.7 mm on protections 4 mm on the selvedge
Maximum tensile force / Elongation		
Longitudinal	EN 12311-1	25 daN/cm / 50%
Transverse		20 daN/cm / 55%

PACKAGING

Dimensions	8 ml / 14 ml / 50 ml / 190 ml x 1 m
Number of rolls per pallet	25 / 12 / 2 / 1
Storage	Upright on pallet

CE MARKING

Unique identification code of the product-type: WPBFRO004. ANTIROCK P membranes are CE marked in accordance with EN 14695.

CERTIFICATION

ANTIROCK P has obtained the following certifications:

France:

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