

ANTIROCK RSI 4.7 mm



PARTIAL BONDED BITUMINOUS MEMBRANE UNDER CONCRETE ASPHALT FOR CAR PARKS

USE

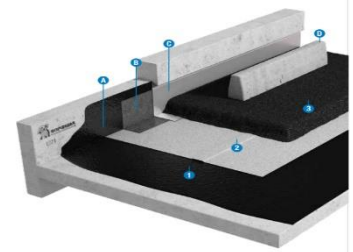
ANTIROCK RSI is mostly used on car parks for light vehicles directly underneath one or more layers of asphalt bituminous mixtures. The minimum thickness recommended is 5 cm.

The membrane is welded 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 interest of semi-loose is the decrease of blisters risks as part of the non adhesive membrane allows degassing from the concrete.

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 like bonded membranes: by heating but without smoothing the membrane onto the substrate. The primed substrate and the bituminous sheet are heated alternately. The welding is only done manually with a flame.

For large surfaces, we recommend compartmentalization with a fully bonded membrane, e.g. ANTIROCK P.

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

DESCRIPTION

ANTIROCK RSI membrane is a torchable partial bonded waterproofing membrane made from polymer modified bitumen (SBS elastomer) with a non-woven polyester reinforcement mesh (180g/m²). The underside permits the partial bonded due to bituminous welding stripes alternated by non-welded sand stripes. 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.

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

- ✓ Partial bonded (decrease of blisters risks)
- ✓ High mechanical resistance

CHARACTERISTICS


ESSENTIAL CHARACTERISTICS	Standard	ANTIROCK RSI	EN 13707
Classification for external fire exposure (Note 3)	ENV 1187	F _{ROOF} (t1, t2, t3, t4)	
Reaction to fire	EN 13501-1	E	
Watertightness	EN 1928	Pass	
Tensile properties Tensile strength (L / T) (N/50 mm) Elongation (L / T)	EN 12311-1	≥ 550x400 30x30	
Root resistance	EN 13948	NPD	
Résistance au poinçonnement statique (kg)	EN 12730	20	
Resistance to static loading (kg)	EN 12691	1000	
Resistance to impact (mm)	EN 12310-1	≥ 200	
Resistance to tearing (N)	EN 12316-1 EN 12317-1	> 100 > 400	
Flow resistance at elevated temperature (°C)	EN 1110	90	
Flexibility at low temperature (CBR) (°C)	EN 1109	-16	
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.

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 RSI
Mass per unit area	EN 1849-1	5.50 kg/m ²
Thickness	EN 1849-1	4 mm sur galon 4.7 mm sur paillettes
Maximum tensile force / Elongation Longitudinal Transverse	EN 12311-1	13 daN/cm / 35% 10 daN/cm / 40%
Absorption d'eau à 20°C après 30 jours (%)	EN 14223	0.75
Resistance to compaction of an asphalt layer	EN 14692	Pass
Watertightness	EN 14694	Pass

PACKAGING

Dimensions	8 ml x 1 m
Number of rolls per pallet	25 rolls
Storage	Upright on pallet

CE MARKING

Unique identification code of the product-type: WPBF0005. ANTIROCK RSI membranes are CE marked in accordance with EN 13707.

CERTIFICATION

ANTIROCK RSI has obtained the following agreement:

France: -

- Mentioned in Technical specifications: « ANTIROCK - Waterproofing of flat roofs car parks without insulation, with an asphalt layer »