

EP5 PERFORMA PL AR (5,1 mm)

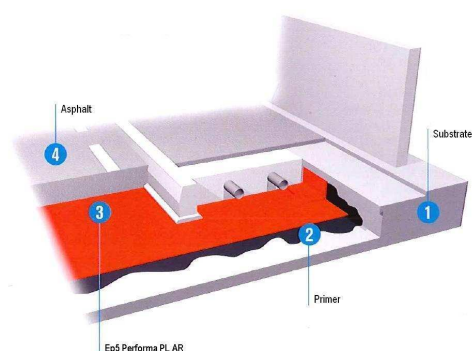
BITUMINOUS MEMBRANE FOR CIVIL ENGINEERING WORKS

USE – APPLICATION

EP5 PERFORMA PL AR can be used for road bridges, rail bridges, car parks or slabs directly under rolled asphalt concrete.

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

The asphalt is laid directly onto the membrane.



On the primed substrate the membrane is welded either manually with a flame, or automatically using hot air (MACADEN system).

A 90 mm selvedge ensures easy overlapping.

PRESENTATION - PRODUCTION

EP5 PERFORMA PL AR membrane is a torchable waterproofing membrane made from polymer modified bitumen (SBS elastomer) with a non-woven polyester reinforcement mesh (250 g/m²). The reinforcement mesh is off center to obtain a 3 mm thickness under the reinforcement. The underside is covered by a thermofusible 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.

CIVILROCK assigns 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

- Used directly beneath hot mastic asphalt
- Very thick
- Flexible in hot and cold climates
- Good weldability
- High mechanical resistance
- High puncture resistance
- Automated installation is possible with standard rolls (mini-MACADEN) or long rolls (MACADEN)

CIVILROCK reserves the right, as technology and know-how progress, to modify without warning the composition and conditions of use of its materials, and subsequently their price. As a result, orders shall only be accepted on the basis of the terms and technical specifications applicable at the time of receipt.



UK, Ireland & Scandinavia: **FLAG-SOPREMA UK LTD**
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PACKAGING

Dimensions	8 m x 1 m / Jumbos 130 m x 1 m
Number of rolls per pallet	25 rolls / 1 Jumbo
Storage	Upright on pallet

CHARACTERISTICS

	Standard	Value
Mass per unit area (2)	EN 1849-1	6.1 kg/m ²
Thickness (2)	EN 1849-1	4.4 mm on selvedge 5.1 mm on chippings
Maximum tensile force / Elongation (2) Longitudinal Transverse	EN 12311-1	25 daN/cm / 50% 20 daN/cm / 55%
Water absorption at 20°C after 30 days (1)	EN 14223	0,75%
Flexibility at low temperature (CBR) (2)	EN 1109	-25°C
Creep resistance at high temperatures (1)	EN 1110	110 °C
Adherence to concrete (1)	EN 13 596	≥0.7 N/mm ²
Resistance to compaction of a layer of bitumen coated materials	EN 14692	Compliant
Watertightness	EN 14694	Compliant

(1) Limit values given by the Manufacturer / (2) Values declared by the Manufacturer

CERTIFICATIONS

EP5 PERFORMA PL AR has obtained the following certifications:

Poland :

- Aprobata techniczna IBDIM

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