

# EP5 PERFORMA PL (5,2 mm)

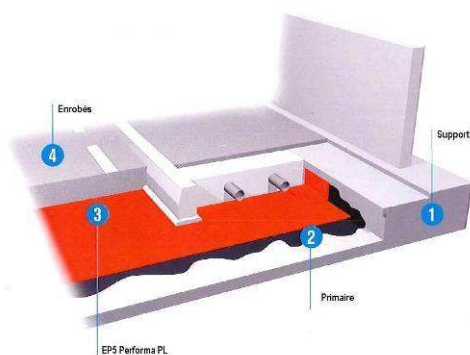
BITUMINOUS MEMBRANE UNDER ASPHALT FOR CIVIL ENGINEERING WORKS

## USE – APPLICATION

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

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 90mm selfedge ensures easy overlapping.

## PRESENTATION - PRODUCTION

EP5 PERFORMA PL membrane is a torchable waterproofing membrane made from polymer modified bitumen (SBS elastomer) with a non-woven polyester reinforcement mesh (250 g/m<sup>2</sup>). 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 a sanded layer.

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 all asphalt materials
- 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**

640 Avenue West, Skyline 120, Great Notley,

Braintree, Essex, CM77 7AA

Tel. : +44 8451 94 87 27 - Fax : +44 8451 94 87 28

# EP5 PERFORMA PL (5,2 mm)

BITUMINOUS MEMBRANE UNDER ASPHALT FOR CIVIL ENGINEERING WORKS

## PACKAGING

Dimensions	8 ml x 1 m / Jumbos 125 ml 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	6.0 kg/m <sup>2</sup>
Thickness (2)	EN 1849-1	5.2 mm
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 <sup>2</sup>
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 has obtained the following certifications:

**Poland :**

- Aprobata techniczna IBDIM

*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**  
640 Avenue West, Skyline 120, Great Notley,  
Braintree, Essex, CM77 7AA  
Tel. : **+44 8451 94 87 27** - Fax : **+44 8451 94 87 28**