

## STRATOS R5

### GEOCOMPOSITE WATERPROOFING LAYER USED TO REPAIR AND REINFORCE ASPHALT ROADS

#### USE

STRATOS R5 is a geocomposite waterproofing layer used to repair and/or reinforce asphalt wearing layers to prevent crack spreading.

#### Repair:

It provides both reinforcement and waterproofing to areas to be repaired (sags, potholes, large cracks). The application also has an "anti-pump" function which makes the repair more durable.

#### Anti-crack:

The high strength fibreglass reinforcement prevents the appearance of cracks in the asphalt wearing layer. It is suitable for absorbing stress caused by subsurface transitions such as road widening and concrete structures (inspection pits, ...).



#### DESCRIPTION

STRATOS R5 is a geocomposite composed of self-adhesive bitumen and a fiberglass textile reinforcement. The upper surface is protected by a thermofusible film. The self-adhesive lower side is protected by a silicone release film.

#### ADVANTAGES

- easy and quick to apply
- "anti-pump" function
- durable repair

#### APPLICATION

The substrate must be even, dry, clean, solid and free from dust, grease and of non-adherent substances.

Sagging and potholes must be repaired in advance and leveled out with products from the STRATOS R range or equivalent.

STRATOS R5 is self-adhesive and cold-applied on the areas of asphalt to be repaired. The application should be in the traffic direction with an overlap of  $\pm 8$  cm.

The new hot asphalt wearing layer (minimum  $+130$  °C) is applied directly onto the STRATOS R5.

The overlay (total thickness) has to be installed within one week of installation of the STRATOS R5. This period can be reduced depending on weather conditions.

## CHARACTERISTICS

Technical characteristics	Standard	Unit	Value	Tolerance
Thickness	EN 1849-1	mm	1,5	
Max. tensile strenght	EN ISO 10319	kN/m	19/17	-2/0
Elongation at break (L / T)	EN ISO 10319	%	2,7 / 2,8	± 0,5
Static puncture resistance (CBR)	EN ISO 12236	N	1,70	-0,1/0
Dynamic puncture resistance	EN ISO 13433	mm	9	± 1
Durability (L / T)	EN ISO 12224	%	≥ 94	
<b>Packing</b>			<b>STRATOS R5</b>	
Size		m	20 x 1 (packed individually)	
Boxes per pallet			25	
Storage			vertical on pallet	

## SPECIAL INDICATIONS

### HYGIENE, HEALTH AND ENVIRONMENT

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.  
For more information, please refer to the relevant safety data sheet.

### QUALITY-, ENVIRONMENT- AND SAFETY MANAGEMENT

**SOPREMA** always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.