

## STRATOS R3

### BITUMEN SEALANT RESISTANT TO KEROSENE OIL

#### USE

STRATOS R3 is a high performance bituminous sealant enriched with resins and oils. The patented formula of the sealant provides a greater life expectancy of joints which may have been in contact with oils including kerosene (airport surfaces).

It has excellent adherence to the joint walls and ensures a smooth surface.

STRATOS R3 is used to seal various parts of airport wearing layers and all areas which may have been contaminated with oils including kerosene.



#### DESCRIPTION

STRATOS R3 is a rubber-bituminous sealant enriched with resins and oils. It is packaged in a silicone box, ready to be melted.

#### APPLICATION

The substrate must be dry, clean, solid and free from dust, grease and of non-adherent substances. The crack should be slightly open to be able to clean it (old system removed). A layer (approx. 150 g/m<sup>2</sup>) of primer should be applied onto the joint walls. Depending the speed of intervention needed, ELASTOCOL 500 TP, AQUADERE TP or REKU P70 is used.

If the seams are too deep, a foam backing rod is applied as soon as the primer is dry.

The filler is pre-heated in a boiler which is fitted with a stirring device and temperature control:

- Pouring temperature: +/- 160 °C;
- Maximum temperature: 180 °C;
- Maximum time at maintained temperature: 8 h.

STRATOS R3 is poured with a suitable tool.

## CHARACTERISTICS

Technical characteristics	Standard	Unit	Value	Tolerance
Softening point	EN 1427	°C	≥ 100	
Density (25 °C)	EN 13880-1	kg/dm <sup>3</sup>	0,99	
Cone penetration (25 °C)	EN 13880-2	0,1 mm	≥ 45	
Penetration and recovery (25 °C)	EN 13880-3	%	≤ 60	
Heat resistance – cone penetration (25 °C)	EN 13880-4	0,1 mm	≥ 45	
Heat resistance –Penetration and recovery (25 °C)	EN 13880-4	%	≤ 60	
Flow resistance (60 °C)	EN 13880-5	mm	≤ 10	
Flow resistance after thermal degradation (60 °C)	EN 13880-5	mm	≤ 10	
Resistance to fuel, change in mass	EN 13880-8	%	≤ 2	
Cohesion	adhesion/cohesion		pass	
	max stress	EN 13880-10	N/mm <sup>2</sup>	< 0,48
Adherence	EN 13880-13		NPD	
<b>Packing</b>			<b>STRATOS R3</b>	
Mass per box		kg	17	
Boxes per pallet			40	

## CE MARKING

STRATOS R3 is produced by SOPREMA according to EN 14188-1 Class F2.

## 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**.