

STRATOS R1

BITUMEN STRIP WITH ANTI-ROOT PROPERTIES

USE

STRATOS R1 is a prefabricated and self-adhesive modified bitumen based strip.

Uses:

- Jointing between concrete elements (curbs, manholes etc.) and the asphalt pavement;
- Jointing between metal rails and the asphalt wearing layer;
- Connection and perimeter joint in case of repairs of asphalt wearing layers.

The installation of STRATOS R1 helps to prevent crack formation and water infiltration.

Anti-root treated, which prevents the appearance of weeds on the curbs and other edges.



DESCRIPTION

STRATOS R1 is a modified bitumen strip including SBR elastomer and resins.

It is extruded, preformed and rolled up industrially in a release film.

The underside is self-adhesive.

An anti-root treatment is added to the bituminous binder.

The day before the application the product must be stored in a closed area at a temperature of at least 20 °C.

APPLICATION

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

The self-adhesive STRATOS R1 strip is cold applied vertically against the element (curb, rail and asphalt etc.) all around the area in which the asphalt will be poured.

The joint will be installed so it protrudes a few millimeters above the finished level.

At temperatures below +20 °C it is necessary to preheat the support slightly with a flame or a hot air gun. In this case, the product is applied as the preheating progresses.

When pouring hot asphalt, the joint will melt, settle and bond with the existing layer / element.

CHARACTERISTICS

Technical characteristics	Standard	Unit	Value	Tolerance		
Thickness		mm	10	± 10 %		
Softening point	EN 1427	°C	> 120			
Density (25 °C)	EN 13880-1	kg/dm³	1,3			
Cone penetration (25 °C)	EN 13880-2	0,1 mm	22			
Penetration and recovery (25 °C)	EN 13880-3	%	6			
Flow resistance (60 °C)	EN 13880-5	mm	0			
Adhesion to concrete	DIN 1996-19	N/cm²	76			
Plasticity / Resilience	DIN 1996-19	%	75			
Hardness	ASTM D 2240	shore A	70			
Mass variation	EN ISO 10563	%	-0,1			
PackingSTRATOS R1						
Height		mm	30	40	50	60
Roll length		m	10	10	10	10
Rolls per box			3	2	2	1
Boxes per pallet			54	54	54	54

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**.