

# STRATOS R1

## BITUMEN STRIP WITH ANTI-ROOT PROPERTIES

### USE

STRATOS R1 is a prefabricated and self-adhesive jointing modified bitumen strip. Uses include:

- Jointing between concrete made elements (curbs, manholes etc.) and the pavement layers in asphalt;
- Jointing between metallic rails and asphalt wearing layer;
- Connecting perimeter joint during the repair of asphalt wearing layers.

The installation of STRATOS R1 helps to prevent cracks and water infiltrations. It is anti-root treated, which prevents the appearance of weeds on the curbs / edges.



### APPLICATION

The surface must be dry and clean (no grease, no oil, no non-cohesive elements).

The self-adhesive STRATOS R1 strip is cold applied vertically on the element (curb, rail and asphalt etc.) all around the area in which the asphalt will be poured. The joint will be installed to exceed few millimeters above the finished level.

Below 20°C, it is necessary to slightly preheat the STRATOS R1 strip with a flame or a 'flame free' hot air gun. In this case, the product is applied as preheating has progressed.

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

### DESCRIPTION

STRATOS R1 is a strip with modified bitumen including SBR elastomer and resins. It is extruded, preformed and rolled up industrially in a release film. It is self-adhesive on the underside. An anti-root treatment is added to the bituminous binder. The product must be stored the day before the application in a closed area and kept at a temperature of at least 20°C.

CIVILROCK prides itself in working with the highest quality products. We operate with quality assurance systems, and are certified ISO 9001.



Easy and quick to install



Cold application without primer



Anti-root treatment

## CHARACTERISTICS

ESSENTIAL CHARACTERISTICS	Standard	STRATOS R1
Thickness (mm)		10 ( $\pm 10\%$ )
Softening point (°C)	EN 1427	> 120°C
Density at 25°C (kg/dm <sup>3</sup> )	EN 13880-1	1,3
Cone penetration at 25°C (0.1 mm)	EN 13880-2	22
Penetration and recovery at 25°C (0.1 mm)	EN 13880-3	6
Flow resistance at 60°C (mm)	EN 13880-5	0
Adhesion to concrete (N/cm <sup>2</sup> )	DIN 1996-19	76
Plasticity / Resilience (%)	DIN 1996-19	75
Hardness (shore A)	ASTM D 2240	70
Mass variation (%)	EN ISO 10563	-0,1

## PACKAGING

High (mm)	30	40	50	60
Roll length (ml)	10	10	10	10
Rolls per box	3	2	2	1
Boxes by pallet	54	54	54	54