

# Sigil Rapid *plus*<sup>®</sup>

**SINGLE-COMPONENT COLD SEALANT  
FOR CRACKS ON ASPHALT /  
CONCRETE / STONE PAVEMENTS**



## High elastic capacity

Movement capacity in joints  
even at low temperatures



## Excellent adhesion

Does not require the use of primer  
Also adheres perfectly between  
different dry and clean materials

## Respects the environment

Free of volatile solvents



## Resistance

Thermal resistance from **-40°C to +90°C**  
For short periods resistant even up to **+120°C**  
**Chemical resistance** to acids and hydrocarbons

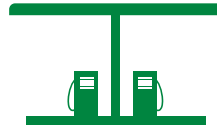
**CIVIL AND MILITARY  
AIRPORTS**



**PONTOONS**



**GAS STATIONS**



**URBAN ROADS**



**SUITABLE FOR ANY TYPE  
OF CRACK ON ELASTIC  
AND RIGID FLOORS**



Manufactured and marketed by:

**BETON  
ASFALTI**

*We for you safe roads*

CIS - TRENTO

## PRODUCT DESCRIPTION

SigilRapid Plus is a **high-performance**, polymer-based resin that can permanently seal any crack on elastic / rigid flooring and joints between different materials.

SigilRapid plus has been designed to meet the technical specifications required by airports and provide resistance to leaks of kerosene and oils. This product manufactured by Beton Asfalti allows you to seal even large cracks by performing surface saturation with the aid of GranigliaGrip Plus (2/5 mm pre-bituminised stone exclusively designed by Beton Asfalti).

## FIELDS OF APPLICATION



- 1 Sealing of expansion joints on decks also between different materials**
- 2 Sealing of any type of crack on elastic and/or rigid floors**
- 3 Sealing between manhole frames and road surface / concrete**

SigilRapid Plus allows you to permanently seal the points of contact between the manhole frames and the road surface, even at gas stations. SigilRapid Plus is ideal for sealing cracks on bicycle paths, park walkways, kerb connections with road surfaces and marble thresholds, porphyry cubes, cobblestones, terraces and prefabricated concrete panels. SigilRapid Plus is also ideal for the sealing of damaged concrete sports floors (five-a-side football, basketball, volleyball, tennis).

## INSTALLATION PHASES



### **1 MANUAL CLEANING** Cleaning of the gap with an iron brush

Carefully clean the walls and contact points of the materials to be sealed with an iron brush.

It is very important that the materials to be sealed are dry so as not to significantly lengthen the curing time of the sealant.

The product reticulates superficially in one hour and completes its hardening in about 24 hours.



## 2 INJECTION

Injection by means of a suitable gun

Open the bag, insert it in the appropriate gun, remembering to have first pre-cut the nozzle for the application of sausage-like slices having the diameter best suited to the width of the crack. Inject the sealant so as to fill all the gaps and beyond the surface so as to be able to spread and level the product with a spatula. Recommended application temperature: 15°C - 25°C.

For better workability, store the material at 20°C before using it.



## 3 SURFACE TREATMENT

Dusting with GranigliaGrip Plus

In the case of very large cracks on asphalt/concrete, thoroughly dust the surface with GranigliaGrip Plus in order to create a buffer of about 3 mm above the seal.

Dab with a spatula and allow the grit to penetrate into the sealant in order to obtain a homogeneous and compact surface able to withstand surface mechanical stress.



## WHAT IS GRANIGLIAGRIP PLUS



GranigliaGrip Plus is a pre-bituminous inert specifically designed by Beton Asfalti to finish and optimise road seals formed using SigilRapid Plus. The material is supplied in 15kg bags that can be purchased separately.

GranigliaGrip Plus can be applied by hand or with the aid of special professional spreading equipment made by Beton Asfalti in conjunction with the hot-sealing service, using the special bituminous adhesive SBS Sigil Plus.

## SPECIFICATION ITEM

Supply of single-component cold sealant with rapid surface cross-linking and 24-hour curing (15°C) to seal cracks and contact points between different materials. Supplied in 600mL bags that can be used with a special dispensing gun. The polymeric sealant must be resistant to kerosene, hydrocarbons, water, frost and aggressive chemicals.

| SIGILRAPID PLUS TECHNICAL DATA SHEET |                     | <i>SigilRapid plus</i>                         |
|--------------------------------------|---------------------|--|
| Technical data                       | UNIT OF MEASUREMENT | VALUE  |
| Colour                               |                     | BLACK  |
| Composition material                 |                     | polyurethane-based                             |
| Shore A                              |                     | 25-35  |
| Elastic module                       | N/mm <sup>2</sup>   | ≥0,5   |
| Breaking load                        | N/mm <sup>2</sup>   | ≥1,5   |
| Elongation                           | %                   | ≥450   |
| Application temperature              | °C                  | from +5 to +40                                 |
| Thermal resistance                   | °C                  | from -40 to +90<br>for short periods up to 120 |
| Density                              | g/cc                | 1,48 ± 0,02                                    |

| GRANIGLIAGRIP PLUS TECHNICAL DATA SHEET |                     | <i>GranigliaGrip plus</i> |
|---|---------------------|---------------------------|
| Technical data                          | UNIT OF MEASUREMENT | VALUE                     |
| Packaged in bags                        | kg                  | 15                        |
| Basaltic Aggregate                      | mm                  | 2-4                       |
| Pre Bitumature                          | %                   | 3                         |

Manufactured and marketed by:



CIS - TRENTO  
 Phone +39 0463 533252  
 Mobile +39 345 866 1896  
 vendite@betonASFALTI.it  
[www.betonASFALTI.it](http://www.betonASFALTI.it)



DEALER