

1. Product

COMPOFIX

2. Definition

Mix asphalt hot application, based on modified with elastomers, which gets the watertightness of cracks and prevents its further evolution, degradation and transmission to new bitumen wearing courses.

3. Application areas

- Sealing of cracks in asphalt agglomerates produced by retraction of the base layer constructed with hydraulic binders.
- Cracks caused by insufficient fatigue firm structure.
- Cracks caused by seats on embankments.
- Transverse and longitudinal joints in asphalt layers, originated in extended operations.
- Sealing cracks and filling of expansion and contraction joints in concrete pavements.
- Expansion joints of bridge decks, "JME" system.

4. Characteristics

- Perfect compatibility with asphalt
- Good adhesion to concrete surfaces.
- For their thermoplastic character, it can be applied molten by heating.
- It has high elasticity, even at low temperatures.
- Ease of discarded and extend.

5. General conditions for on-site application

Preparation of the crack or joint.

It will be cleaned of dust, grease or any foreign matter. To achieve this it is recommended to use a thermal lance, capable of projecting a jet of hot air on the palate and lips, which occur, if the right distance from the spray nozzle to the pavement remains, a warming of the inner surface of the thereof at a temperature between 80 and 100 ° C favoring without applying direct flame, perfect union with the sealant.

With the application of hot air the following effects are achieved:

- Softening of the binder.
- Removal of weakly bound particles.
- Increased surface texture.
- Cleaning of foreign particles, dust.

Laying the asphalt.

Boiler heating oil bath to prevent local overheating is performed. These boilers, built to carry a temperature regulating device ensures the maintenance of the band of temperatures suitable for the product. Simultaneously, a horizontal agitator shaft, acts constantly homogenizing the mastic. The working temperature is raised to 180 ° C being the limit temperature of 210 ° C from which the polymers may deteriorate.

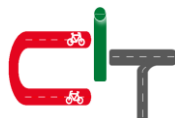
Then we will proceed to spill the product on the crack or joint to be sealed using a delivery device that maintains a constant riding on the lips of the crack width

The sealing width will be between 5 and 15 cm, depending on the state of the crack. The thickness of the pavement will be about 2 mm.

I gritting.

If the seal were to remain exposed for prolonged periods to protect the putty with selected arid, projecting about the same when the mastic is hot, getting:

- Avoid the adherence of the mastic to the tires, which allows the opening of the traffic immediately.
- Protect from oxidation mastic.



The aggregate used is covering crushing, with a coefficient of Los Angeles <25, of a size between 0.5 and 3.0 mm., Dry, reasonably uniform, free of dust, dirt, clay or other foreign matter .

Cleaning tools.

After completing the work, and as soon as the tools used by aromatic solvents such as toluene, ... or direct flame burning them cleaned.

RECOMMENDATIONS:

- Do not carry out operations with the wet pavement sealing.
- Do not work with ambient temperature below 5 ° C.
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6. Preparation of the support surface

The surface to be treated must be resistant, smooth, free of pores which could result in craters or bubbles, clean, and dry as well as free of dust, grease and foreign materials. Any cracks and fissures will be corrected, applying a suitable treatment in each case.

La surface to be treated must be durable, smooth, porous, clean, dry and free of dust, grease and foreign matter.

- The surface layer of grout should be removed with suitable mechanical treatment ensuring a perfect pore opening, followed by further sweeping and vacuuming.
- The cracks and fissures shall be corrected by applying the appropriate treatment for each case (filled epoxy or similar).
- The temperature during application and curing should never be less than 8 ° C and in any case, exceed 3 ° C dew point. In the case of screeds, concrete moisture must be less than 4% and must ensure that there is an impermeable membrane under it to prevent rising damp and ground water pressure.
- For more information see the specifications for coating on concrete.

7. Storage and conservation

Its preservation will take place in cool, dry place. Under these conditions, and in their original containers, the product has a shelf life longer than one year.

This information replaces all prior information. The specifications and technical data that appear on this sheet are only guidelines corresponding to laboratory averages. Composan reserves the right to modify them without prior notice and declines any responsibility for their wrongful use.

