

# JUNTOPLAST BT

## DEFINITION:

Bituminous sealant for cracks and joints reparation in concrete paving. Juntoplast BT is a homogeneous mixture of polymer modified bitumen, mineral fillers and additives that allows to work with the product at lower temperatures. It complies with the technical specifications stated in the EN 14188 standard.

## SPECIFICATIONS:

Characteristics	Unit	Standard	Min.	Max.
Penetration (cone)	0,1 mm	EN 13880-2	40	130
Softening point	°C	EN 1427	85	-
Density at 25°C	g/cm <sup>3</sup>	EN 13880-1	1,1	-
Creep at 60°C/5h	mm	EN 13880-5	-	2
Resilience at 25°C (75g, 5s)	%	EN 13880-3	60	-
Stability to heat		EN 13880-4		
• Cone penetration	0,1 mm	EN 13880-2	40	130
• Resilience at 25°C (75g, 5s)	%	EN 13880-3	60	-

## APPLICATIONS:

- Reparation of cracks in bituminous pavements.
- Sealing transversal and longitudinal joints in concrete paving.
- Sealing joints between bituminous coatings and concrete paving.

Revision nº0 - Approved: 01/04/2023 - Next revision: 01/04/2024

## ADVANTAGES:

- Easy to apply.
- Easy to handle at lower temperatures than Juntoplast C
- Excellent adherence to asphalt and concrete substrates.
- High elasticity.
- Non-toxic.
- Non-flammable.
- Fast curing enabling fast re-opening of roads to traffic.

## INSTRUCTION FOR USE:

- Juntoplast C should be applied on clean surfaces. Presence of dust, oil, lime or any other pollutant may reduce adherence and detriment Juntoplast C's properties. For an optimum performance of the product follow the next steps:
  - Dry the crack with a stream high pressure dry hot air (thermic lance) to favour the adhesion of the sealant.
  - Dry the joint completely through abrasive air blasting (thermic lance) to favour the adherence of the sealant mastic.
  - The product should be heated at 180°C to ensure a correct application. The equipment used for this purpose should prevent local overheating.
  - To ensure adherence of Juntoplast C in concrete, prime the surface with a bituminous emulsion or asphalt paint.
  - Apply hot using mechanical equipment.
  - As a rule, traffic should not be allowed to pass until at least two hours after the sealant mastic has been applied.
  - Protect the repaired joint by spreading a fine aggregate to prevent adherence of tires. The aggregate should be applied while the mastic is still warm.

## RECOMMENDED DOSAGE:

- The coverage rate depends on the characteristics of the crack and/or the width of the joint to be treated and is generally between 5 and 12 mm. The mastic sealant should be more than 2mm thick, to guarantee the formation of a continuous watertight film between the edges of the crack.

## STORAGE:

- The sacks should be protected from both frost and overexposure to the sun.
- The product should be stored in a dry place.
- The product can be stored during an unlimited time in the original sacks while they are undamaged and tightly closed.

## OTHER RECOMMENDATIONS:

- The product should not be used at temperatures below 10°C.
- The product should not be applied on damp paving.
- The heating time should not be more than 6 hours and 210°C should not be exceeded.
- It is not suitable for applications where it is to be in contact with solvents or fuels.
- Tools can be cleaned using any type of solvent.