

# MASTIC IN CARTRIDGES

## Cold Applied elasto-plastic bitumen mastic in cartridges



Sealing cracks and joints represents one of the most effective maintenance jobs on road and airport surfaces.

It stops seeping into the non-bonded layers of the road structure, effectively avoids or reduces localised subsidence, elevation and deformations due to ice and unfreezing.

The cold applied MASTIC IN CARTRIDGES represents the best solution for sealing problems that cannot be overcome using traditional methods.

MASTIC IN CARTRIDGES represents the ideal solution for the sealing of block paving.

As due to their nature, demands an elastic waterproof sealing (not rigid) which allows small movements between the blocks.

### The product

MASTIC IN CARTRIDGES is a permanent elastic bitumen, resins, elastomer and solvent based compound in cartridges, cold applicable, ready for use.

### Uses

MASTIC IN CARTRIDGES can be used for:

- sealing joints and cracks on the asphalt road;
- sealing narrow joints between concrete road slabs;
- sealing joints and cracks for roofs waterproofing.

### Properties

- Completely impermeable to water.
- Excellent adhesion to bituminous materials.
- Excellent adhesion to concrete, asbestos cement, zinc and metals.
- Easy application.
- Resistant to diluted acids and alkalis.

### Preparation of the support

Check that the edges of the joint are dry, clean, dust free, degreased and free from loose particles.

The behaviour of a sealing compound is strongly influenced by the cross-section of the joints.

It is therefore advisable to check that it is correct throughout, taking into account the probable elongation of the sealant.

The temperature should be between +5°C and +40°C during application.

### Applying mastic in cartridges

Completely pierce the sealing membrane at the end of the cartridge.

Screw on the plastic nozzle which has been cut at an angle to give the required diameter and insert the cartridge into the application gun.

Apply the mastic properly sealing the edges of the joint without trapping air between the mastic and the bottom of the joint.

### Caution and safety

The product is flammable. Do not use nearby open flames and wear safety apparel.

**R10** Flammable.

**R52/53** Harmful for aquatic organisms, can cause longterm negative effects for aquatic environment.

**S43** In case of fire, use chemical foam, CO2 or powder extinguishers.

**S61** Avoid release to the environment.

### Storage

2 to 3 years in sealed packs.

### Dimensions and packaging

MASTIC IN CARTRIDGES is available in boxes of 25 x 310 ml cartridges.

### Technical data

| Characteristics                     | Value                  |
|-------------------------------------|------------------------|
| Colour                              | Black                  |
| Drying                              | In surface 1h          |
| Specific Weight                     | 1,28 g/cm <sup>3</sup> |
| Dry residue at 130°C                | 83,00 %                |
| Elastic modulus at 100% (DIN 52455) | 0,3 N/mm <sup>2</sup>  |
| Application Temperature             | -10°C to +35°C         |

The values expressed can vary within a tolerance of +/- 5%. For further information, the toxicological safety data sheet is available. We reserve the right to change the characteristics of the products at any time and without prior notice.