

DESCRIPTION

CHUNGPING SEALANT is a high quality, economy grade, cold applied, elastomer modified bitumen compound.

USES

CHUNGPING SEALANT is ideal for sealing and waterproofing joints or cracks in concrete masonry or asphalt surfaces, both horizontal and vertical. **CHUNGPING SEALANT** is not suitable for contact with solvents or jet fuel. **CHUNGPING SEALANT** can also be used for roof flashing, counter flashing and roof tile joints.

OUTSTANDING FEATURES

- Good expansion and contraction properties.
- Good mechanical properties, tensile strength, elongation and resilience.
- Pliable and flexible
- Heat stable, does not melt at high temperatures, upto 60°C
- Excellent adhesion; strong durable bond.
- Economical
- Single component; does not require mixing, thereby saves time
- Oxidation resistant and durable

APPLICATION

Surface Preparation

CHUNGPING SEALANT is applied by trowel, putty knife or standard sealant gun or pressure equipment. The sealant should be applied flush with the surface.

Joint Dimension

Ideally the depth of the joint should be half the width. Horizontal joints deeper than 10mm should be first filled with sand, backer rod, fiber board filler to a depth of 10mm from the surface.

Vertical joints should be filled with backer rod, fiber board filler or other suitable filler to a depth of 10mm from surface, Don't use polystyrene or polyurethane backer rod. The fiber board or backer rod can be adhered to the joint wall with thin application of **CHUNGPING SEALANT**. The backer rod or other filler material is desirable to equalize the compression of the sealant induced by joint movement and to reduce the thickness of sealant. On traffic bearing surfaces, the sealant should be slightly sanded to prevent sticking.

CHUNGPING SEALANT MTS 1020

Cold applied modified bitumen compound

Sealant Thickness

The maximum sealant thickness should be 10mm. It is highly recommended that the application takes place in two stages of 5mm each, allowing 8-12 hrs. (subject to weather) curing time between each application in order to expedite curing and minimize shrinkage cracking.

CLEANING

Tools: Clean with kerosene
Hands: Use a hand cleaner or kerosene followed by soap and water.

COVERAGE

One kilo of **CHUNGPING SEALANT** will approximately fill 1000 c.c. of joints

PACKING

23-kg pails

HEALTH & SAFETY

Flammable; contains petroleum distillate. keep away from open fire, sparks or other ignition sources. Wear protective clothing, gloves and goggles.

- 1 Fire - Flammable when wet.
- 2 Skin - Avoid repeated or prolonged contact. Remove with hand cleaner that removes oil or grease, then clean with soap and water.
- 3 Eyes - Contact could cause irritation. If contact occurs, flush immediately with clean water.
- 4 Inhalation - Can cause dizziness. Remove to fresh air. if breathing difficulty persist administer oxygen.



Construction Systems and Products

CHUNGPING SEALANT MTS 1020

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TECHNICAL DATA

| Property | Result | Test Method |
|----------------------------------|---------------------------------------|------------------|
| Density at 25°C, Kg / Lit | 1-1.2 | ASTM D 70 |
| Cone penetration @ 25°C C. | 225-350 (Depending on Grade) | ASTM D 217 |
| Flow @ 60°C., mm | 5 (max.) | ASTM D 1851 |
| Bond @ 0°C | No separation or cracking | ASTM D 1851 |
| Flexibility @ 0°C | No cracking | ASTM D 4586, 8.5 |
| Elongation @ 25°C., % | 250 (min.) | ASTM D 412 |
| Tensile strength @ 25°C., psi | 200 (min.) | ASTM D 412 |
| Drying time, to touch, Hr. | 24 | - |
| Drying time, through, Days | 7 | - |
| Accelerated weathering (1000 hr) | No cracking, peeling or blistering | ASTM G 53 |
| Service temperature, °C | -5 to 60 | |