

PALMSEAL-75

DESCRIPTION

PALMSEAL-75 is a two component sealant based on elastomeric resins, especially designed for the sealing of joints, slots or voids in asphalt or concrete surfaces. It's low viscosity enables easy mixing and flowing, so as to fill the voids and encapsulate electrical cables. When mixed, the two components are vulcanised to a hard-elastic mass with high mechanical resistance.

Packaging: 2 litre pack, plastic pail for component A and aluminium bag for component B.

APPLICATION FIELDS

It is recommended for sealing of joints, cable slots or voids in asphalt or concrete surfaces of roads with heavy traffic and airport runways.

PHYSICAL PROPERTIES

- Appearance: Two-part fast curing sealant.
- Colour (after mixing): Black.
- Self-levelling.
- Solvent-free.
- Hard-elastic.
- Accommodates a limited degree of movement.
- Adhering ability to asphalt, concrete and metal fittings.
- Resistance to mechanical strain.
- Specific Gravity (after mixing): 1,3

TECHNICAL PROPERTIES

POT LIFE (working time limit):

5 - 20 min after mixing, depending on environmental conditions (basically temperature). Raising of the temperature shortens the pot life.



Weather conditions during application:

Rain conditions as well as temperatures under 0°C or over 40°C must be avoided.

Shore A Hardness:

3 hours after mixing: 50-55. 7 days (final Shore): 70-75

Chemical resistance: It exhibits excellent resistance to salt water, saturated Urea and jet fuel.

Flash point: > 65°C.

Shelf life: 6 months minimum, when stored in places with normal temperature and humidity.

Precautions: Use only in well ventilated areas. Contact with eyes and skin must be completely avoided. Wear protective plastic gloves. Keep it away from children.

APPLICATION INSTRUCTIONS

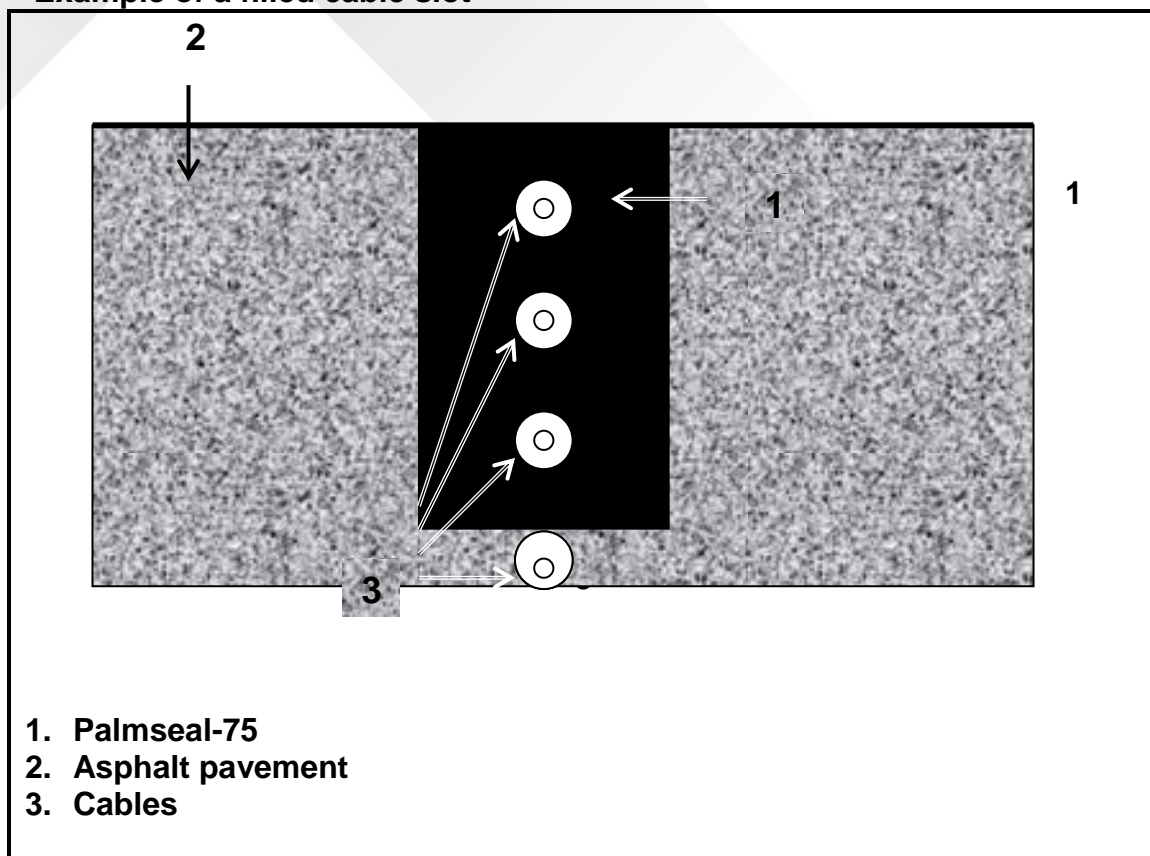
Preparation:

1. The slot or void walls are thoroughly cleaned from loose particles, dust etc by blowing with compressed air.
2. Surfaces must be dry before application of PALMSEAL-75.
3. In cases of concrete or metal surfaces it is recommended to use a special Primer to reinforce the adhesion of the sealant.

Sealing:

1. The two components, packaged at a certain dosimetric rate, are thoroughly mixed with the use of a proper mixer, e.g. a helical one attached to a drill. The mixing must be continued until the complete homogenisation of the mixture.
2. The mixed sealant is poured immediately after mixing into the slot or void. Avoid any delay because the pot life of the sealant is very short.
3. PALMSEAL-75 is self-levelling.

Example of a filled cable slot



1. Palmseal-75
2. Asphalt pavement
3. Cables

Warning to users

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