

Polytar 61



TO SEAL & PROTECT

Technical Data Sheet

POLYTAR 61

Crack sealing material for Asphalt and Concrete pavements

Product description

Polytar 61 is a professional crack sealing material composed of exceptionally high flexibility rubber modified bitumen. The product conforms to ASTM D-3405 – “Joint Sealant Hot Poured for Concrete and Asphalt Pavement”.

Product Uses

Polytar 61 is designed to seal joints and cracks in concrete structures and asphalt concrete pavements, such as airport runways, and roads.

Instruction for use

Joint and Cracks preparation

1. Sand-blast all joints and cracks to be sealed.
2. Remove sand and loose material using a vacuumed / oil free dry compressed air.
3. Cleaning process includes removal of old joint sealer, sand, stone, oil, curing material, and any other loose material. If proper cleaning cannot be achieved, additional cleaning steps have to be taken, such as: saw-cutting, brushing, washing with a detergent until all the dirt, debris, curing material, and loose dried cement water and concrete will be removed. If required, the edge of the joint has to be ground in a 45 deg. angle.
4. The joints and the cracks to be sealed have to be papered so that the width will be equal and not more than double the depth. If required a joint backing has to be installed.

Primer

1. Prime the joint walls with Primer GS 474 using a quantity of 200 gr./m².
2. Let dry for 1-2 hours before applying the sealing material.

Equipment required for waterproofing

1. The equipment used while applying and heating the material, should be mobile, and will include a container with a double-jacketed wall. The gap between the container walls should be filled with suitable thermal oil.
2. The heating container should be equipped with a thermostat to continuously regulate the temperature.

3. The sealing and filling of the cracks should be performed with a machine that keeps the material at a constant temperature, and pumps the material to the joint.

Application

1. Polytar 61 should be applied using the above mentioned equipment at a temperature range of 190oC – 200oC. NOTE: Do not apply the material at a temperature level above 210 oC in order to avoid an available damage to the technical properties of the material.

2. Ensure usage of a material quantity that is sufficient for 2 hours at a time.

3. Traffic renewal will be available only after the material has cooled to ambient temperature.

Technical properties

As required by ASTM D-3405

Packaging

Polytar 61 is available in a 15 kg Can

Storage

Store the material in a shaded, well ventilated place.