

Product Description

EPOXY-SCEL-80 is a 100% solid, two-component epoxy resin. The reacted product provides great structural strength and a permanent bond. The low viscosity of this non moisture sensitive resin allows for deeper penetration of fine cracks or porous surfaces.

Use

- Injection of fine cracks
- Filing cracks by gravity
- Sealing of porous surfaces
- Adhesive for concrete and other materials
- Hardening of porous surfaces

Advantages

- Great structural strength in a short period of time
- Ideal viscosity for fine cracks
- Adheres well to dry or moist surfaces
- Solvant free
- Low odour
- Approved by the Ministère des transports du Québec



Physical Properties

Mixing Ratio : 2A : 1B by volume

Viscosity¹ : 80 cps

Life (100 gr) : 30 minutes

Color (Partie A) : Clear

Color (Partie B) : Amber

Dry (touching): 7 - 8 hours

Coverage : Approximately
1000 cm³/ liter
(60in³)

Compression strength : 70 Mpa (ASTM D-695)

Reference 69 MPa (ASTM 881 Type IV)

Tensile strength² : 55 MPa (ASTM D-638)

Reference 48,3 Mpa (ASTM 881 Type IV)

Elongation at the rupture²: 10.9% (ASTM D-638)

Reference 1 % min (ASTM 881 Type IV)

Adhesion to concrete :

-dry in 2 days 15 MPa (ASTM D-882)

Reference - (ASTM 881 Type IV)

-wet in 14 days 14,6 MPa (ASTM D-882)

Reference - (ASTM 881 Type IV)

1. Could possibly vary based on the lot and temperature
2. Minimum result

Installation Guide

Substrate and preparation

The temperature of the substrates should exceed 4°C.
Surfaces must be solid and free from any contaminant which may possibly impair adhesion.
In the case of calcareous deposits or dirt as being present use the OXY-CEM cleaner.
A KRYTEX crack sealer may be used for any injection work.

Mixing the Product

Stir part A and part B separately. Then mix 2 parts A with 1 part B at low speed for a 3 minutes period or you may use some equipment made for two components which include a static mixer at the end of the hoses.

Application

Pour, apply with a roller or inject with an injection pump, according to the use.

Packaging / Storage

15 liter or 56.7 liter units.

Store securely the product in a dry, heated and ventilated place; ideally do not put it directly on a concrete floor.

Precautionary measures

It is highly recommended to follow the usual safety and precautions rules related to the using of this product. In any time, ensure an adequate ventilation when using the product. Avoid any eyes or skin contact. In the case of eyes contact, wash with water and seek for some medical attention. In the case of skin contact, wash with water and soap. For industrial use only. Refer to the Material Safety Data Sheet.

Technical Services and Guarantees

For any assistance, please feel free to contact your KRYTEX products representative.
KRYTEX products are guaranteed to be free from manufacturing defects.
All information included in the present document are based on various tests that we believe to be reliable.
Since conditions during application are beyond our control, the supplier and/or manufacturer decline all liability at the exception of the replacement of materials proven to be defective.

Classe de transport: TDG: 8

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625, rue du Parc-Industriel, Longueuil, QC, J4H 3V7 B: 450 651.8511 F: 450 651.8689 SANS FRAIS : 1 855 440.2545 info@krytex.com