

EG 91

Epoxy-polyurethane two-component, thixotropic, elastomeric sealant



Epoxy-polyurethane two-component elastoplastic and thixotropic sealant, for joints subject to traffic, where Shore A Hardness Scale = 65. The elongation-at-break is 70%. To be applied with a trowel or extruded into the suitably-taped sections of the joint (to protect adjacent surfaces). Resistant to contact with hydrocarbons (gasoline and diesel fuel).

CUSTOMS CODE: 3909 5090

COMPONENTS: Two-components

APPEARANCE: Liquid + Liquid

AVAILABLE COLORS: Gray

PACKAGING AND DIMENSIONS: Can 5 kg [A] - Can 10 kg [A] - Can 2.5 kg [B] - Can 5 kg [B] - Kit: 1 Can 5 kg [A] + 1 Can 2.5 kg [B] - Kit: 1 Can 10 kg [A] + 1 Can 5 kg [B]

FIELDS OF APPLICATION

Horizontal sealing of joints in industrial flooring, even in the presence of chemical attacks and stresses from average-heavy traffic. Vertical sealing of joints in concrete works and products.

ALLOWED SUPPORTS

Concrete - Prefabricated concrete - Metal surfaces

PREPARATION OF SUPPORTS

The application and containment surfaces (joint walls) should be clean, dry, conveniently prepared and adequately resistant: free from dust, grease, soiling, crumbling and/or non-adhering parts and dry. The application surfaces must also be preliminarily treated with Protech Flex Primer.

MODE OF USE

Add component B to component A taking care to pick up all the material contained in the packs, mix thoroughly with a mixer at a low number of revolutions, until a perfectly homogeneous mix is obtained; add the required load amount (component C) continue to mix until a perfectly homogeneous mixture is obtained, indicated by the uniform colour of the mixture. Apply the product mixed by trowelling or with extrusion guns. Do not apply with temperatures below + 5°C or higher than + 35°C and in the presence of surface stagnant water.

APPLICATION METHODS


Spatula - Dispensing gun





TOOL CLEANING

UNI solvent


KEY FEATURES


 Density: 1.35 kg/dm³

 Pot-life: 20 min

 Solvent-free

A:B Mixing ratio: 6:1 _

 Shelf-life: 12 months

 Temperature of use: +10 / +35 °C

TECHNICAL SPECIFICATIONS

ASTM D 638/2

Breaking load longitudinal **1.4 N/mm²**

ASTM D 4541

Adhesion to substrate **2.5 N/mm²**

Glass transition temperature - **20 °C**

UNI 8701/3

Viscosity **42000 ±5% mPas**

Longitudinal elongation at break **70 %**

Shore A

Hardness **65**

CONSUMPTION

Approximately 1.25 kg of EG 91 per cubic decimetre of joint volume to be sealed (1250 kg per cubic metre).

STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance.

PHOTO GALLERY



ADDITIONAL CONTENT



WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage. Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

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It is forbidden to dispose of the product and/or packaging in the environment.

