

## 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 10 kg [A] + 1 Can 5 kg [B] - Kit: 1 Can 5 kg [A] + 1 Can 2.5 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/dm<sup>3</sup>

 Pot-life: 20 min

 Solvent-free

**A:B** Mixing ratio: 6:1 \_

 Shelf-life: 12 months

 Temperature of use: +10 / +35 °C

## TECHNICAL SPECIFICATIONS

UNI 8701/3

Viscosity **42000 ±5% mPas**

Longitudinal elongation at break **70 %**

Shore A

Hardness **65**

ASTM D 4541

Adhesion to substrate **2.5 N/mm<sup>2</sup>**

Glass transition temperature - **20 °C**

ASTM D 638/2

Breaking load longitudinal **1.4 N/mm<sup>2</sup>**

## 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.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: [www.azichem.com](http://www.azichem.com). The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: [www.azichem.com](http://www.azichem.com).

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

