



PRS.0034  
**EG 91**

Epoxy-polyurethane two-component, thixotropic, elastomeric sealant

## Dosage

1.5 kg /dm<sup>3</sup>

## Packaging

- Can 4 kg [A]
- Can 1 kg [B]
- Kit: 1 Can 4 kg [A] + 1 Can 1 kg [B]

## Application

- Spatula
- Dispensing gun

Family  
**Proseal**

Product Lines  
• **Infratech**

Components  
**Two-components**

Type  
**Plastic and elasto-plastic sealants**

Functional Categories

- **Construction of high performance industrial concrete floors**
- **Waterproofing control joints or construction joints**
- **Structural maintenance of dams, reservoirs, ducts and water ducts**
- **Structural maintenance of bridges and viaducts**
- **Structural maintenance of tunnels**
- **Elastomeric sealing of expansion and shrinkage joints on concrete floors and screeds**

Appearance  
**Liquid + Liquid**

## General description

Two-component, thixotropic elastoplastic sealant, for joints subject to traffic: shore hardness >90; elastic deformation >70 %; to be levelled out or extruded in the suitably taped joint sections (to protect the adjacent surfaces). Resistant to contact with hydrocarbons (gasoline and diesel fuel).


## 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.


## Available colours

- Gray


## Basic features

 Adhesion to the substrate:  
2.5 N/mm<sup>2</sup>

 Density:  
1.25 kg/dm<sup>3</sup>


 Flammable material

**A:B** Mixing ratio:  
4:1 \_

 Pot-life:  
20 min

 Shelf-life:  
12 months

 Solvent-based product

 Temperature of use:  
+5 / +35 °C

## Technical specifications

*Breaking load longitudinal (DIN 53504): 2.6 N/mm<sup>2</sup>*

*Complete hardening (a 20°C): 7 day*

*Dry residue (10' a 150°C): 98 ±1 %*

*Gel time (UN 8701-8 a 20°C): 30 ±3.5% min*

*Hard to touch (a 20°C): 8 h*

*Hardness (DIN 53505 - Shore D5): 14 \_*

*Longitudinal elongation at break: 300 %*

*Ratio of catalysis: 4:1 \_*

*Resistance to abrasion (UNI 8298/9): 120 mg*

*Viscosity (UNI 8701-3): 1750000 ±5% mPas*

IF YOU WANT TO SOLVE IT  


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## Tools cleansing

- UNI solvent

## Applicable on

- Concrete
- Prefabricated concrete
- Metal surfaces

## Substrate preparation

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.

## Instructions for 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.

## Storage and preservation

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.



## Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

Do not apply with temperatures below + 5°C or higher than + 35°C and in the presence of surface stagnant water.

*EG 91 is produced/distributed by*



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Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy  
info@azichem.com Tel. +39 0376.604185 /604365 Fax +39 0376 604398