



PRS.0229

PROTECH SIGILFLEX MONO

Chemical resistant elastomeric
sealant for floorings

Customs Code

3506 1000

Packaging

- Small bag 600 cc

Application

- Dispensing gun

Family
Proseal

Type
Plastic and elasto-plastic sealants

Product Lines
• **Building**
• **Infratech**
• **Floor**

Functional Categories
• **Elastomeric sealing of expansion and shrinkage joints on concrete floors and screeds**

Components
Single-component

Appearance
Thick liquid

Certifications and legislations



EN 15651-1:2012

Sigillanti per giunti per impiego non strutturale negli edifici e piani di camminamento pedonali

General description

Mono-component sealant based on hygrohardening aromatic polyurethane resins. After cross-linking it leads to the formation of an elastic and tenacious film with very good chemical resistance to water, oil and hydrocarbons, aviation gasolines. It adheres to different media: concrete, ceramic, steel sheets, wood, synthetic media, glass, and copper. It can be painted using suitable products (like SYNTECH POLYUREA TOP COATING).

Fields of application

Sealing of expansion joints on internal and external industrial floors. It can be used effectively even on airport runways. Structural crack filling. Bonding of various artefacts with various supports. Waterproof sealing of joints and cracks on exterior floors and roofs.

Basic features



Density:
 $1.30 \pm 0.05 \text{ g/cm}^3$



Shelf-life:
6 months



Temperature of use:
 $+5/+35 \text{ }^\circ\text{C}$



Use wearing protective gloves



UV-resistant



Available colours
Gray

Technical specifications

Resistenza allo scorrimento EN ISO 7390: $\leq 3 \text{ mm}$

Perdita di volume EN ISO 10563: $\leq 10 \%$

Compressive strength (ISO 8339): 0.60 MPa

Deep hardening (24 h, 25 °C, 50% humidity): 3 mm

Dry residue: $> 95 \%$

Dust-free time (25°C, 50% humidity): 60 min

Hardness (Shore A): 40 _

Longitudinal elongation at break (7 days, t. 25°C, h. 50%): $> 250 \%$

Working temperature: $-20/+80 \text{ }^\circ\text{C}$

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Tools cleansing

- UNI solvent

Applicable on

- Concrete
- Cement-based or lime-based mortars
- Prefabricated concrete
- Wood
- Metal surfaces
- Bricks
- Tuff
- Stone walls
- Floor screed
- Asphalt
- Glass

Instructions for use

Apply PROTECH SIGILFLEX MONO, supplied in 600 cc bags, extruding it directly into the joint (or in the cavity) to be sealed, using the appropriate manual or compressed air gun.

Substrate preparation

Thoroughly clean the inside of the joint or the surface on which PROTECH SIGILFLEX MONO is to be applied. Remove any non-adhering parts and to remove any residual dust or other harmful substances.

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. Store the product at a temperature between +5°C and +35°C.



Warnings, Precautions and Ecology

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. 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.

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



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PROTECH SIGILFLEX MONO is produced/distributed by



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