



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**

Product Lines  
• Building  
• Infratech  
• Floor

Components  
**Single-component**

Type  
**Plastic and elasto-plastic sealants**

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

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).

## Dosage

Indicative consumption with a 600 cc product cartridge: 5x5 mm joint = 20 linear metres; 10x10 mm joint = 6 linear metres; 15x10 mm joint = 4 linear metres; 20x10 mm joint = 3 linear metres.

## 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 ±0.05 g/cm<sup>3</sup>



Shelf-life:  
6 months



Temperature of use:  
+5/+35 °C



Use wearing protective gloves



UV-resistant



Available colours  
Gray

## Technical specifications

*Resistenza allo scorrimento EN ISO 7390: ≤ 3 mm*

*Perdita di volume EN ISO 10563: ≤ 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 °C*

IF YOU WANT TO SOLVE IT  
 **azichem**

[www.azichem.com](http://www.azichem.com)

Updated: **24/08/2020**

General sales conditions and legal notices on

[www.azichem.com/disclaimer](http://www.azichem.com/disclaimer)

## 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

## 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.

## 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.

## 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](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.



[www.azichem.com](http://www.azichem.com)

Updated: **24/08/2020**

General sales conditions and legal notices on

[www.azichem.com/disclaimer](http://www.azichem.com/disclaimer)

*PROTECH SIGILFLEX MONO is produced/distributed by*



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



[www.azichem.com](http://www.azichem.com)

Updated: **24/08/2020**  
General sales conditions and legal  
notices on  
[www.azichem.com/disclaimer](http://www.azichem.com/disclaimer)

Page: **3/3**