

## RHENFLEX PU

### Description

Polyurethane one-component sealant of high quality.

### Characteristics

- Easy to apply
- Remains elastic over time
- Good adhesion on most surfaces

### Fields of use

It can be applied all over the joints in the building industry, such as:

- joints between frame and wall;
- expansion joints between different materials;
- expansion joints in industrial floors.

### Technical specifications

#### Chemical nature

Polyurethane

#### Consistency

Tixotropic paste

#### Curing

Contact with humidity

#### Curing speed

1,3-2 mm/24 hours (20°C and 65% RH)

#### Specific gravity

1330 ( $\pm 50$ ) g/dm<sup>3</sup>

#### Color

Grey

#### Shelf life

1 year unopened container in a dry place (5 - 25°C)

## Performances

### Tack-free time(a 20°C e 65% RH)

About 100-180 minutes

### Shore A hardness

30±5 (DIN 53505)

### Service Range

Da -40°C a +90°C

### Elongation at break

800% (DIN 53504)

### Modulus of elasticity

100% 0,4 N/mm<sup>2</sup> (DIN 53504)

### Resistance at break

>1,5 N/mm<sup>2</sup> (DIN 53504)

### Recovery

25%

## Product preparation

Ready to use

## Surfaces preparation

Adheres to most surfaces commonly found in construction (except glass). The application surfaces must be clean, dry and free from dust or grease and, when necessary, suitably primed.

## Application

### Application systems

Manual gun for sealants

### Application temperature

It is recommended to apply the product at a temperature between 15 and 25 ° C. For greater workability or in case of low temperatures store the product at about 25 ° C before use.

### Section of the joint

Minimum width of 5 mm

Maximum width 30 mm

Minimum depth of 5 mm

In same case it is advisable to calculate the depth of the joint equal to half the width.

### Cleaning of tools

With acetone or other solvent

## Packaging

Rigid cartridges of 310 ml

**Warning:** For use, follow the safety instructions on packaging labels.

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Considerando le diverse situazioni d'impiego dei prodotti e l'intervento di fattori da noi non dipendenti (supporti, condizioni di esercizio, in osservanza delle prescrizioni, ecc.), non è possibile alla IMPER ITALIA srl assumere responsabilità in merito ai risultati ottenuti. Il progresso unito alla costante ricerca dei massimi livelli prestazionali possono apportare - nel tempo - modificazioni alle informazioni contenute in questo stampato, senza che la IMPER ITALIA srl debba darne preavviso a tutti gli interessati.

