

## Sealpvc SF 250

### Waterstop in PVC for static construction joints resting on the bottom



The SEALPVC SF 250 waterstop is a waterproof profile in PVC that is not hydro-expansive, having a thickness of 25 centimetres and high elasticity. It is used in static joints for horizontal casting (slabs), in concrete structures, resting on the substrate beneath the reinforcement.

**CUSTOMS CODE:** 3925 9010

**COMPONENTS:** Single-component

**APPEARANCE:** Extruded PVC

**AVAILABLE COLORS:** Black / Light blu

**PACKAGING AND DIMENSIONS:** Roll 20 m - Roll 25 m

### FEATURES AND BENEFITS

PVC waterstops are highly elastic waterproof profiles that are used in concrete structures, positioning them as recovery and expansion joints, thus ensuring perfect hydraulic sealing and the ability to absorb mechanical and natural stresses. Specifically, the SEALPVC SF 250 profile is made of high-quality thermoplastic vinyl resins with the addition of a particular and specific plasticizer.

The profile has excellent performance characteristics and is highly resistant to:

- the aggressive action of acid-alkaline solutions,
- aging,
- brackish water

• degradation caused by the sun, ozone and other atmospheric or chemical agents normally present in the air and groundwater.

The flexibility of SEALPVC SF 250 is high even at low temperatures and its mechanical characteristics remain unchanged over time. Given its particular composition, it can be cut with a sharp blade (cutter) and welded with simple heat welding tools, thus making it easy to create connections during construction.

### FIELDS OF APPLICATION

Waterproofing of static construction joints between: raft foundation and the elevation wall, between two raft foundations, between two elevation walls, between the wall and floor, resting on foundations under the shoring.

### ALLOWED SUPPORTS

Concrete

### MODE OF USE

Bind with iron wire the side flaps of the waterstop to the steel plates provided, in order to position it and secure it in a central position with respect to the casting to be made. Proceed with the casting operations, ensuring it does not bend nor move from the seat identified.





## APPLICATION METHODS

Apply by hand

## KEY FEATURES

 Nonflammable

 UV-resistant

 Unlimited shelf-life

 Width: 250 mm

## TECHNICAL SPECIFICATIONS

Working temperature **-30 / +70 °C**

*ISO 527*

Longitudinal elongation at break **300 ± 3 %**

*UL94*

Flash-point **Classe V-O**

*ISO 868*

Hardness **75 ± 3 Shore A**

*ISO 1183*

**1.38 ± 0.02 g/cm<sup>3</sup>**

*ISO 458/2*

Cold Flex Temperature **-30 °C**

*ISO 527*

Breaking load longitudinal **12 ± 2 N/mm<sup>2</sup>**

## CONSUMPTION

1 m/m: Use Sealpvc SF 250 welding the two edges of different belts head to head using a leister (manual hot air welder).

## STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight.

## 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.

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