

INNO-PROOF

FOX SWELL 3V FP300

Hydrophilic Volcanized Expanding Rubber Band

Description

FOX SWELL 3V FP300 chloroprene rubber and hydrophilic resin based, expands in water contact, flexible water retaining tape.

Fields of Application

- Ready-mixed concrete joints,
- In construction joints in reinforced concrete structures poured on site (cold joints where the curtains meet the foundations etc.),
- As a water-proof flange at the pipe inlets and outlets passing through reinforced concrete,
- Tunnel segments,
- In joints between flooring and pile foundation heads,
- In concrete steel joints.

Advantages

- Easy to apply.
- Economic.
- Expansion in contact with water continues up to 300%.
- Has a protective coating that prevents early expansion.
- It is flexible; it can be applied to irregular substrates.
- It expands in contact with water in reinforced concrete, including concrete elements, and forms a sealed gasket.
- It has the feature of expansion again in contact with water.
- The range of resistance to chemicals is wide.
- It is resistant to petroleum products, minerals, vegetable oils and greases.
- **FOX SWELL 3V FP300** is resistant to impacts.
- It is very suitable to be used in dirty / slurry waters in areas where the water level rises and falls.

Technical Features

Density	ASTM D471-75	1-2 kg/dm ³
Colour		Black
Expand Ratio	ASTM D471-75	%300
Tensile Strength	ASTM D412	4 N/mm ²
Elongation at Break	ASTM D412	300%
Shore A hardness	ASTM D2240	40
Size		20 x 5 mm

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time.

Application Procedure

Substrate Preparation

The surfaces where **FOX SWELL 3V FP300** is to be applied on must be cleaned from dust, dirt, oil and loose particles.

Application

FOX SWELL 3V FP300 works only in tight and narrow areas. Since the expansion of the **FOX SWELL 3V FP300** produces a certain pressure, it is recommended to be placed in the middle section of the joint. It should be attached to smooth surfaces between 20-30 cm intervals between inner and outer reinforcement with mechanical fixing or **FOX PURSEAL PS600** sealant. On rough surfaces; + 3 / -3 cm wide **FOX PURSEAL PS600** sealant is stabilized, **FOX SWELL 3V FP300** profiles are pressed into the sealant, and mechanical fixing should be done in 20-30 cm intervals. **FOX SWELL 3V FP300** can be applied around the pipe in pipe passages from reinforced concrete. **FOX SWELL 3V FP300** must be attached with **FOX PURSEAL PS600** mastic or tie wire. If it is placed in rainy weather or when it is in contact with water for a long time, these situations should be avoided as the front pre-swelling will occur in the profiles.





Important Note

All profiles must contact the joint surface to ensure complete sealing. The ends should be placed to complement each other without overlapping.

Coverage

Material is needed as much as the joint length desired.

Package

20 mt Roll

Storage

It should be stored in its original package, in a cool and dry place protected from frost. In short-term storage, maximum 2 pallets should be placed on top of each other and shipment should be made with the first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, it should not be contacted with the skin and eyes, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to the application areas. It should be stored out of the reach of children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malzemeleri San. ve Tic. Ltd. Sti is only responsible for the quality of the product. Except for the written suggestions about where and how the product will be used and / or results that may occur due to misuse, SARTECH Yapı Malzemeleri San. ve Tic. Ltd. Sti. cannot be held responsible. The responsibility for the correct application of our product lies with the user. Our company is only responsible for the quality of the product. This catalogue invalidates the information in the previous catalogue. Our company has the right to make changes in all kinds of information and content details in this catalogue. It is essential to check that the information in the catalogue is current and valid. All rights reserved.

