

# Swellable Bar 900

New generation high performance acrylic polymer based expanding tape

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## Product Description

Swellable Bar 900 is a new generation high performance acrylic polymer based expanding tape. It expands up to 900% when in contact with water. In a totally dry state, will shrink to its original installation dimension and re-expand on wetting. It is used in concrete construction for the sealing of construction joints including wall to base connections, pipe entry systems, sealing of openings and interface sections between existing and new concrete. It is easily stored in its original moisture-proof wrap in cool, dry conditions away from sunlight.

## Areas of Application

- Construction joints.
- Pipe and steel work penetrations through walls and floor slabs
- Construction joints in precast concrete elements and tunnel shuttering system.
- Construction joints in cable ducts, etc.
- Around all types of penetrations through concrete.

- **Advantages**

- Comfortable, can be used on a variety of irregular substrates.
- Forms an impermeable barrier against water in concrete.
- Excellent compliance with deformed surfaces and joints.
- Saves time and labour.
- Easy to apply.
- Simple overlap jointing on site.
- No hardening time required.
- Can swell into cracks and gaps.
- No welding required.
- Swells in contact with salt water.

## Standard Sizes

5 mm * 20 mm	20 meters roll
10 mm * 20 mm	10 meters roll
20 mm * 20 mm	5 meters roll



### Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

### Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

### General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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## Chemical Base

Acrylic polymer with hydrophilic properties.

## Substrate Quality:

The substrate must be sound, clean, dry / 'matt damp' and free from all surface contaminants.

## Substrate Preparation:

All loose particles, release agents, cement laitance, paint, rust and any other poorly adhering materials must be removed by suitable hand or mechanical means. Surfaces that are excessively rough can tend to leak later on. We recommend smoothing the freshly placed concrete surface with a timber batten where the Swellable Bar 900 sealing profile is to be placed.

## Storage Conditions

Store in unopened, undamaged and sealed original packaging in dry conditions at temperatures between +5°C and +40°C.

Protect from UV light.

## Shelf Life:

Minimum 12 months from date of production if stored in unopened, undamaged and sealed original packaging.

## Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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