

# **GRADASWELL BAND-TP**

Thermoplastic Swell Strip



## **1. Composition**

Hydoriflex swell tape tpe series made of thermoplastic elastomer (TPE) that were developed to expand after contact with aqueous solutions to form . It is an tpe based waterstop designed to stop water infiltration through cast in place concrete construction joints by expanding upon contact with water to form a positive seal against the concrete. It also fills the cracks and pores on the concrete.

## **2. Application**

used for:

- waterproofing casting and header joints in concrete
- waterproofing pipe lead-throughs
- waterproofing joints between prefab concrete elements
- waterproofing around all sorts of lead-throughs and construction joints (stationary joints)
- waterproofing connecting joints

## **3. Properties**

- Colour: RED
- Density: 1.24 g/cm<sup>3</sup>
- Shore A: 40
- Elongation at break: >%250
- Water swell 14 days: >%300

## **4. Packaging**

(20 x 5 mm) : 4 rolls of 20m per box (80m/box)

(20 x 10 mm) : 5 rolls of 10m per box (50m/box)

## **5. Application advice**

Applied to the middle of the construction joint. It is advisable to allow at least 8 cm of concrete on both sides of

the expanding sealant to prevent cracks in the concrete.

The joint sealant should be applied on a dry and smooth surface.

Attachment can be with adhesive and/or nails every 30 to 40 cm.

The ends of the swell strips should be placed head-to-head against each other or with an overlap of 10 cm.

Placement in the middle of the construction joint is recommended (between the inner and outer reinforcement).

## **6. Shelf life**

2 years if in original packaging, dry and frost-free.

### **GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ SAN. TİC. A.Ş.**

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