

## **GRADASWELL BAND-B**

Sodium Bentonite Swell Strip



### **1. Composition**

GRADASWELL BAND-B natural sodium bentonite based hydrophilic waterstop is manufactured in Turkey. This product is a good alternative to conventional joint sealing systems. It will expand when in contact with water to form a positive seal in concrete construction including gaps, cracks, pores and capillaries.

**ADVANTAGES** High hydrostatic resistance, fast, easy Installation, seal is available in a range of sizes to accommodate irregular joint shapes, expands to seal off leaks, safe to use, non toxic therefore, no special handling is necessary.

### **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**

At the end of 7th day: 200%

At the end of 14th day: 300%

Dry/Wet differential: 200%

Water pressure resistance: 5bar @ 50m

Application temperature: -20°C to +50°C

Test area water hardness: 200ppm CaCO<sub>3</sub>

The expansion rate will increase substantially where water hardness is slight.

### **5. Packaging**

05 mm x 20 mm 10 metres roll 70 metres in the box

10 mm x 20 mm 10 metres roll 50 metres in the box

20 mm x 25 mm 5 metres roll 35 metres in the box

10 mm x 25 mm 10 metres roll 50 metres in the box

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

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#### **6. 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).

#### **7. Shelf life**

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

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