

# TUFBOND 'S'

## Sealing and Bonding System for Hairline Cracks and Hollow Screeds

### DESCRIPTION

**Tufbond 'S'** is an ultra low viscosity acrylic co-polymer bend designed to have the highest levels of penetration when used in the stabilisation of hairline cracks both horizontally and vertically. **Tufbond 'S'** has been used also in the bonding and consolidation of hollow floor screeds.

face of the crack using tape or non setting mastic to prevent loss of Tufbond 'S' during the application. Drill a small hole at the highest point of the crack to receive a small nozzle or pipe.

**Mixing:** Tufbond 'S' is ready for use, shake before placement see *figure 4*.

### AREAS OF USES

- Consolidation of hollow floor screeds
- Crack sealing of horizontal surfaces such as concrete, granolithic, terrazzo and mosaic floors
- Sealing cracks in vertical surfaces
- Consolidation of de-bonded render

**Placement:** The use of 'squeeze' bottle has been found to be particularly suited to the introduction of Tufbond 'S' into cracks both horizontal and vertical. However the 'gravity' method as shown in *figures 1,2 and 3* may prove better on horizontal applications.

In normal circumstances application should be continuous with the Tufbond 'S' not being allowed to dry or form a film until the application is complete. Ultra rapid penetration can indicate a leakage. If this leak can not be located and sealed it may be possible to form a seal by applying Tufbond 'S' gradually at 20-45 minute intervals until a seal is achieved. N.B. Tufbond 'S' is not suitable for use on cracks greater than 1mm in width.

### ADVANTAGES

- Ready to use
- First class penetration properties
- High Bond Strength
- Provides a Flexible Bond
- No special plant or equipment required
- Water Based

**CLEANING OF TOOLS** Immediately after use, all tools and mixing equipment should be cleaned with water. Once cured, Tufbond 'S' cannot be dissolved and is difficult to remove mechanically.

### APPLICATION

#### Preparation :

Note Tufbond 'S' is only suitable for use in dry locations.

**Sealing cracks on horizontal surfaces:** Fine crazing and hairline cracks should be isolated by the provision of dams formed using putty or sealant as shown in *figure 1*.

### COVERAGE

Estimation of usage for this type of product is extremely difficult and can normally only be determined by trials on a job by job basis,

**Bonding of hollow floors:** Where no cracks are evident, drill through the screed to the void. Take care to ensure removal of any dust or debris created. See *figure 2 and 3* for details of application techniques.

### PACKAGING

5 litre and 25 litre units

**Sealing of cracks in vertical surfaces:** Seal the

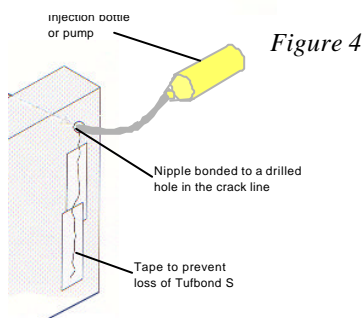
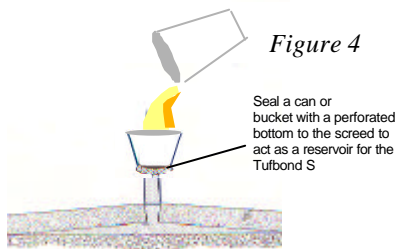
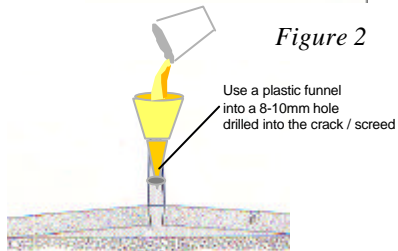
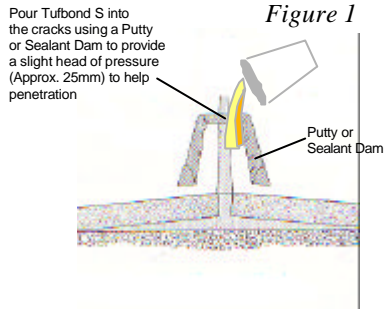
## TECHNICAL DATA

### Minimum Film Formation

Temperature: 0°C

Particle size: 0.07 (micron)

Elongation: 500%



## STORAGE

Store in sealed container in cool dry conditions.  
Protect from Frost.

## HEALTH & SAFETY

Care should be taken to avoid skin or eye contact.  
Wear gloves and protective clothing.  
Splashes can normally be removed from skin by soap and water.  
If the product enters eyes, wash thoroughly with clean water, if irritation persists seek medical advise.  
Full Health & Safety data sheets are available on request

