

## Flowbond ESB

### Product sheet

#### Product description

A 2 pack, solvent free clear epoxy bonding agent for decorative cementitious screeds.

#### Uses

Bonding of cementitious screeds and polymer modified cementitious screeds to concrete.

The substrate must be surface dry before the application of Flowbond ESB, with no ground water pressure in the concrete.

#### Environment & Health

Flowbond ESB is solvent and nonylphenol free and practically odourless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components.

#### Ratio of components

3 parts of Flowbond ESB Base A are mixed with 1 part of Flowbond ESB Hardener B, by weight.

Add all of Hardener B to Base A. Mix with a slow speed drill and helical spinner, taking care not to entrain air.

#### Application temperature

The recommended material and substrate temperature is 10 - 25°C, but no less than 5°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24hrs after application.

#### Application time/pot life

Ready-mixed product should be used within 60 minutes at a temperature of 20°C.

At higher temperatures the application time is shorter.

#### Consumption of materials

Flowbond ESB      0.5 kg/m<sup>2</sup>

#### Colours

Natural (not pigmented).

#### Curing time (at 20°C)

Flowbond ESB should be overlaid with cementitious mixes whilst it is still fluid or tacky.  
(Tack free 6 hours at 20°C.)

**Note:** Do not apply onto a tack free surface as this will act as a de-bond layer.  
If the surface is tack-free, apply a second coat of Flowbond ESB not more than 24 hours after application of the previous coat.

Maximum overcoating time is 24 hours.  
The product is fully hardened after 5 - 7 days.

**Solids content**

Approx. 100 %.

**Density**

Component A approx. 1.4 kg/l.  
Component B approx. 0.95 kg/l.  
A+B approx. 1.3 kg/l.

**Storage**

Storage temperature between 5°C and 40°C.  
12 months in unopened packs for Components A and B.  
Protect from weather and moisture/contaminant ingress.

**Packaging**

The product is delivered A+B in the following packs :

Unit	<b>Flowbond ESB</b> Base A	<b>Flowbond ESB</b> Hardener B
6 kg (4.6 litres)	4.5 kg	1.5 kg

*Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.*

2014.07, 02 UK