



## 81-82 Foster Adhesive

### Colour

Beige

### Application Consistency

Trowel

### Average Weight (ASTM D 1475)

1.36 ± 0.03 kg (after mixing)

### Average Non Volatile (ASTM D 1644)

> 99% by weight and by volume.

Solvent free

### Coverage (FSTM 72)

(Subject to type of surface and nature of material being bonded.) 2 to 3 kg/m<sup>2</sup>

### Curing Time (ASTM C 461)

Temperature +20 °C

Pot life: 1 hour

Full cure: 2 days

### Service Temperature Limits (FSTM 70)

-70 °C to +150 °C

### Water Vapour Transmission

(NF H 00-030)

For a 2.2 mm dry film thickness: 0.5 g/m<sup>2</sup>, 24 hrs at 25 °C, RH 90% 2.1 g/m<sup>2</sup>, 24 hrs at 38 °C, RH 90%

### Application Conditions

Temperature above -5 °C maximum RH 85%

**Foster Adhesive 81-82** is a flexible two parts adhesive, water vapour barrier, suitable over a wide range of temperatures.

**Foster Adhesive 81-82**, solvent-free can be used with all types of thermal insulation.

**Foster Adhesive 81-82** provides high adhesion and is suitable for fixing all types of insulation materials to themselves or on numerous supports (rust-free metal, cement, plaster, wood, etc). When using the product on metal, first apply one primer coat.

When fully cured, it has good resistance to water, non oxidizing dilute acid, oil and hydrocarbon solvents.

Due to its chemical composition, this product is suitable with expanded polystyrene foam.

It is not recommended as joint sealant with cellular glass.

### Storage Suggestions

Do not store the product in a humid place.

Opened containers must be used promptly.

Protect from freezing.

Storage limits: 6 months from date of delivery.



## FOSTER ADHESIVE 81-82

### Material Preparation

Part B should be added to Part A and thoroughly mixed under constant stirring. The best way is to use a mechanical stirrer (rotation speed: 400 T/mn maximum) but a clean paddle is suitable.

It is recommended to mix twice: after a first mixing, pour the product into a second clean container, scraping walls and bottom of the former one, and mix again in order to complete homogenisation.

Mixing ratio is 85 parts A and 15 parts B by weight. Once mixed, pot life is 1 hour maximum at 20°C. Shorter pot life if higher temperature. Blend only quantity applicable within pot life time.

### Application

The surfaces must be clean dry and free of dust, oil or grease. New concrete surfaces must have cured for at least four weeks before applying the product. When using Foster Adhesive 81-82 over metals, precede its application by a sand blasting of the metal and apply a primer. Use a serrated trowel (type 9 x 9 x 9 mm). Apply a full coat on one side. Press surfaces together and smooth out with firm pressure to insure complete contact.

### Clean-Up

Use a solvent such as white spirit or Ketones (flammable).

### For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication.

In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published\* shelf life.

\* If not applicable, within 6 months from date of supply.