

BONDING BRIDGE 842



USES

Enhances bond of Flexcrete repair mortars to highly porous substrates.

COLOUR

Concrete grey.

THICKNESS

4m² per kg.

TECHNIQUES

Brush.

PREPARATION



1. Cut back to sound concrete, minimum of 25mm behind reinforcement and 50mm beyond visible corrosion.
2. Saw or disc cut the perimeter of the repair to a minimum depth of 10mm.
3. Roughen smooth surfaces.
4. Remove all loose material, dust, surface laitance, mould release agent and any other form of contamination.
5. Clean reinforcement to bright metal.
6. Brush apply **STEEL REINFORCEMENT PROTECTOR 841** to the reinforcement in two 1mm coats. Allow the first coat to stabilise before applying the second coat. See separate Application Guide.
7. Thoroughly soak the substrate with clean water until fully saturated. Remove excess water.

MIXING



2-3 mins

1. Shake Part A bottle thoroughly and pour approximately half into mixing vessel.
2. Add Part B (powder) slowly and mix until smooth using slow speed drill and EPI paddle, maximum speed 750rpm, entrapping as little air as possible.
3. Add the remainder of the Part A and mix as above for 2-3 minutes to give a lump free consistency.
4. Smaller quantities can be produced using the measuring kit provided using an initial mix ratio of 2 volumes of Part B (powder) to 1 volume of Part A to give a thin slurry consistency. Adjust by addition of either component to give the desired consistency.
5. **DO NOT ADD WATER** or other materials to this product.

APPLICATION



1. The mixed **BONDING BRIDGE 842** should be brushed onto and fully worked into the prepared substrate ensuring complete coverage.
2. Stir regularly to avoid settlement.
3. Avoid application to adjacent cleaned steel reinforcement.
4. Allow to stabilise (surface goes matt) and immediately apply the appropriate Flexcrete repair mortar.
5. If the **842** is allowed to fully dry then it must be mechanically removed by blast cleaning or hand held power tools before re-application as above.

WORKING LIFE

120 minutes at 20°C.

YIELD

2.10 litres per 4kg composite pack.

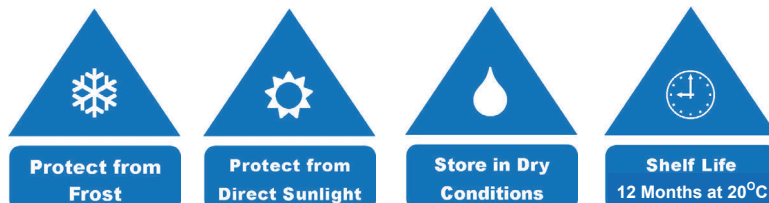
COVERAGE

16.0m² per 4kg composite pack. Coverage will be considerably reduced on uneven and highly porous surfaces.

CLEANING

Clean tools with water immediately after use.

STORAGE/ SHELF LIFE



HEALTH AND SAFETY

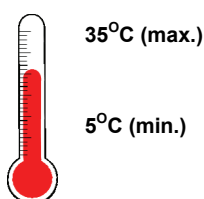
- R36/37/38: Irritating to eyes, respiratory system and skin.
- R41: Risk of serious damage to eyes.
- See Material Safety Data Sheet (MSDS) for full information.

PPE



TOP TIPS

1. **DO NOT APPLY** between layers of repair mortars.
2. Do not use in conjunction with the Flexcrete range of cementitious coatings. Use **CEMPROTEC EF PRIMER**.
3. Cold Weather Working (see separate Guide)
 - $\geq 3^{\circ}\text{C}$ on a rising thermometer.
 - $\geq 5^{\circ}\text{C}$ on a falling thermometer.
 - Do not use any Part A which has been frozen.
3. Hot Weather Working (see separate Guide)
 - Store material in cool conditions to maximise working life.
 - Shade applied material from strong sunlight.
 - If possible, avoid extreme temperatures by working at night.



APPLICATION
RANGE



Flexcrete Technologies Limited
Tomlinson Road
Leyland
Lancashire
PR25 2DY
United Kingdom
Tel: +44 (0) 845 260 7005
Fax: +44 (0) 845 260 7006
Email: info@flexcrete.com
Web: www.flexcrete.com



The information herein is correct to the best of our knowledge, but it does not necessarily refer to the particular requirements of the customer. If the customer has any particular requirements it should make them known in writing to Flexcrete Technologies Limited, and obtain further advice accordingly.

FM 41091
EMS 597350
OHS 597351

Quality
Environmental
Health & Safety