

EVO-STIK EVO – Fix SBR

Date: 26 March 2020

Fact Sheet No.:

YOUR SMART ADVANTAGES

- Improves adhesion
- Toughens floors and screeds
- Provides superior frost, water, chemical and abrasion resistance
- Improves flexibility reduces cracking

USES

Evo-stik Evo-Fix SBR is a specially modified styrene Butadiene Co-polymer Latex for cement and mortar. It toughens, waterproofs and improves chemical and abrasion resistance of renders, screeds and other cement based mixes. It is recommended for use in effluent tanks, dairies, food factories, fertiliser stores and other demanding situations. Evo-Stik Evo-Fix SBR is an excellent all round primer and bonding admixture.

PRODUCT CHARACTERISTICS

Colour	White
Form	liquid
Base material	Modified Styrene Butadiene co – Polymer Latex.
Product Code	5ltr 30812586
Storage/Shelf Life	Always store upright in cool, dry conditions between +5oC and 25oC. 12 months shelf life.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +30°C / optimum +20oC
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DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK EVOFIX, refer to the relevant Health & Safety Data Sheet, available.ie.

PREPARATION

- Ensure surfaces are sound, clean dry and free from grease, oil, paint, laitance and loose materials.
- Key surface by scabbling, vacuum grit blasting or planning
- Dampen porous surfaces before applying Evo-Fix SBR
- Ensure the working temperature is over 5oC
- Sands should be well graded, clean and meet the appropriate British standards
- Aggregates should be dust-free
- Portland, High Alumina and sulphate resisting cements are compatible with Evo-Stik Evo-Fix SBR

APPLICATION

1. Concrete Repair- Application

- If steel reinforcement is exposed wire brush or grit blast to remove dust and scale.
- Prime exposed steel using Bonding Primer 2. Allow to firm.
- Dampen surrounding concrete. Then apply Bonding Primer 2 over entire area (including reinforcing) to be repaired.
- Apply mix 1 while the primer cost is still wet

2. Bedding

- Prime both surfaces with Bonding Primer 1
- While the Primer is still wet butter 1 of the surfaces with MIX 1 – Provide temporary support if necessary.
- For thin joints use fine graded sands (to BS 1199: Type B). Keep water content to a minimum

3. Pointing

- Apply Bonding Primer 1 into dampened joints. Prime small areas at a time to avoid primer drying

out before pointing is completed.

- Point joints with MIX 1, while bonding Primer is still wet.

4. **Waterproof renders**

- Apply slurry- Bonding Primer 2 stipple to provide key and allow to dry.
- Apply second slurry coat at right angles to the first ideally stipple to key.
- Apply first render MIX 2 while second slurry coat is still wet to a minimum thickness of 6mm.
- After no more than eight hours apply second render coat to a maximum thickness of 6mm. If more than eight hours has elapsed apply a bonding slurry between coats.
- Prevent from drying out during the first 48 hours by covering with polythene or mist spraying with water when initially firm.

5. **Tanking – Cellars, swimming pools, ponds, storage tanks etc. for New or Existing sound constructions**

e.g. dense concrete, engineering bricks of minimum compressive strength 40N/mm²

- Rake out all unsound joints and repoint as detailed in 3. Above. Allow to cure for at least 24 hours.
- Dampen surfaces.
- Apply slurry- Bonding Primer 2 - brushing in vigorously and stipple to key.
- Bed a fillet of MIX 1 at the junction of the floor and wall while slurry is still wet.
- Allow to harden (minimum 16 hours to maximum 72 hours) then brush apply second coat of Bonding Primer 2 at right angles to the previous coat. Stipple to key.
- Apply Render MIX 2 coats as detailed in 4. above.
- For areas subject to very high water pressure and where walls or floors are in poor condition consult BS 8102: 1990.
- Prevent from drying out during the first 48 hours by covering with polythene or mist spraying with water when initially firm

6. **Floor toppings and screeds**

- Apply 1 coat of Bonding Primer 1, for porous surfaces use Bonding Primer 2.
- Apply screed while primer is still wet.
- Keep selected mix just wet enough to achieve good compaction.
- Finish quickly with a steel trowel.
- Prevent from drying out during the first 48 hours by covering with polythene or mist spraying with water when initially firm.

7. **Bonding Gypsum Plaster**

- Apply 2 coats of Bonding Primer 3 – allowing approx. 30 minutes between coats.
- While second coat is still wet apply plaster

8. **Suction Control**

- Mix 1 part Evo-Stik Evo-Fix SBR : 4 parts water.
- Brush onto surface and allow to dry.

CLEANING

Clean tools and equipment immediately after use with water.

PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +353 1 8624998 or visit www.bostik.ie for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for EVO-STIK EVOFIX, available at www.bostik.ie.

BOSTIK HOTLINE

Smart help +353 1 8624998



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