

CONCRETE REPAIR AND BONDING AGENT & SBR 417

DESCRIPTION

Cetcrete SBR is polymer based liquid used in mortar and concrete as an admixture for water resistance and durability

FEATURES :

- Simple to use – Single component, gauged as required.
- Provide excellent bond to concrete, adhesion plaster, masonry, stone work, etc.
- Provides mortar with improved durability impermeability to chlorides and other harmful agents
- Provides waterproof and cohesive screeds, plaster and impermeable slurry coat.
- Improves tensile and flexural properties of cement thereby reduces cracking
- Compatible with all common hydraulic cements
- Excellent bonding of old to new concrete
- Protection against corrosion

AREAS OF APPLICATION :

- Roofs
- Terraces
- Parapets
- Bathrooms and sunken portions of toilet blocks to ensure waterproofing.

CLEANING

Tools and equipment should be washed with water immediately after use.

PACKING : 1kg, 5kg, 10kg, 20kg, 50kg, 225kg



SURFACE PREPARATION

- The object of the surface preparation is to achieve a clean sound surface with a good mechanical key
- All substrates should be cleaned and free of dust, plaster, oil, paint, grease, corrosion deposits, and any other deleterious substances.
- Laitance should be removed by mechanical means.
- Smooth substrates must be mechanically roughened e.g. by scrubbing, needle gun or grit blasting to provide an adequate key.
- Corroded reinforcing steel should be exposed around its full circumference and cleaned to remove all loose scale and corrosion deposits.
- It is always preferably to clean the steel to a bright condition. Use of emery cloth, grit or sand blasting is recommended.

ADDITIONAL GUIDANCE

Prepare surfaces thoroughly. Toe-in at edges wherever possible to avoid feather edging. All surfaces including edges must be primed. All applications should be wet on wet, the primer must not be allowed to dry. The level of added water in the mix designs may need adjustment to achieve the required consistency. In general water content should be kept to the minimum necessary. For consistent performance the use of clean, dry sand is recommended. Where wet sand is used, reduce the addition of water as appropriate. In order to prevent rapid drying, mortars should be properly cured with Concure WB, curing compound. Protect uncured mortar from frost. Do not retemper mortar or primer after initial set. Minimum application temperature is 100C.

ADDITIONAL INFORMATION

Cetcrete SBR is part of a wide range of adhesives, repair mortars, sealing compounds and flooring products specially designed and manufactured by Cetcon for the construction industry. Separate datasheets are available on all these products.

MIXING

Patching and repair mortars and plaster for masonry
Cement 50 kg
Zone II sand 150 kg
Cetcrete SBR 5 - 9 liters
Recommended water addition 11 - 15 liters
Recommended thickness 8 to 20mm

Screeding
Cement 50 kg
3-6mm Granite chips 75 kg
Zone II sand 75 kg
Cetcrete SBR5-9 liters
Recommended water addition 8-12 liters
Recommended thickness 10-25mm
The screed should be of a semi-dry cohesive consistency.

Screeding
Cement 50 kg
3-6mm Granite chips 75 kg
Zone II sand 75 kg
Cetcrete SBR5-9 liters
Recommended water addition 8-12 liters
Recommended thickness 10-25mm
The screed should be of a semi-dry cohesive consistency.

HEALTH AND SAFETY INSTRUCTIONS

Cetcrete SBR should not come in contact with skin and eyes or be swallowed. Protective gloves and goggles should be worn during handling the product.

If contact with skin occurs, wash well with soap and water. Eye contamination should be washed thoroughly with clean water and medical advice sought. If swallowed seek medical attention immediately - Do not induce vomiting.

SHELF LIFE : 18 months

COVERAGE

18 to 20 sqft/kg for 2 coats

PHYSICAL PROPERTIES

Testing Parameter	Test Method	SBR 417
pH	Internal	7 to 9
Appearance	Internal	Milky White
Specific Gravity	Internal	1.03-1.08
Solid Content %	Internal	35-38
Film property		Clear
Tensile Strength		3.5