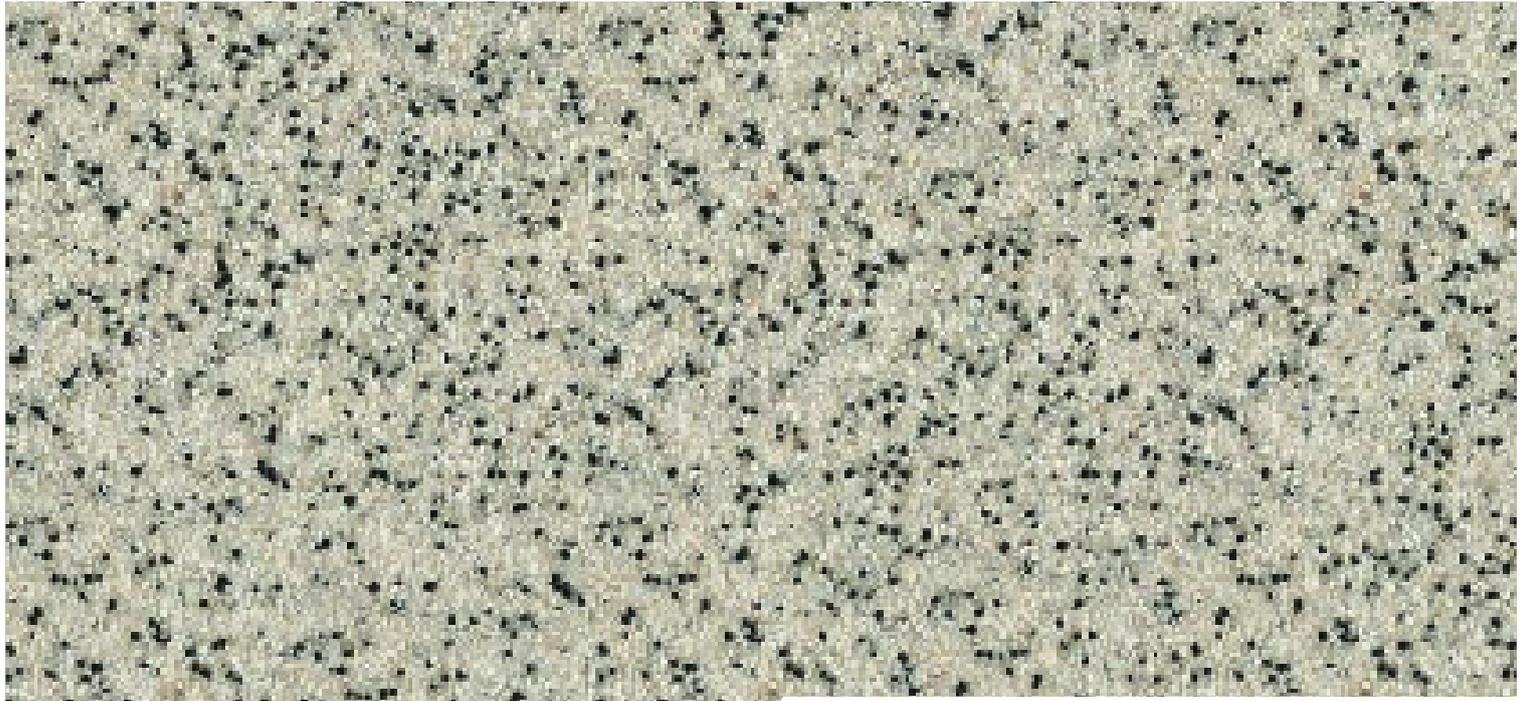


Technical Data Sheet - TDS



RocFloor SC

Epoxy based Chemical abrasion resistant floor screed

PRODUCT DESCRIPTION

RocFloor SC is a three component (Base, Hardener & Filler) solvent-free epoxy , non-shrink, epoxy resin based mortar screed. Epoxy screed has excellent mechanical and abrasion resistance properties and is resistant to a wide variety of chemicals. This system is designed to provide a heavy duty topping for industrial floors. The screed can be applied in thicknesses of minimum 4mm.

APPLICATION AND USAGE

RocFloor SC is a heavy duty epoxy floor screed which gives a tough, good abrasion, chemical and impact resistant screed for Industrial and similar Floors. RocFloorSC can be used for flooring, coving, patching works, repairing concrete edges, linings. garage, airport maintenance area, concrete joint dressings

ADVANTAGES

- ▶ Ware houses & workshops
- ▶ Dairies & food processing plants
- ▶ metal treatment plants
- ▶ Substations & battery rooms Edges can be repaired
- ▶ Can be easily over coated with any epoxy or polyurethane coating

TYPICAL PROPERTIES

Hand Surface preparation: For concrete and other cementitious substrates, the substrate should be clean, structurally sound and dry. Damp proof membranes should be installed and intact. Shot blasting or similar is preferred on all smooth or dense surfaces. preparation plays a major role in determining the life of any floor coating.

Thorough acid etching should be considered when the above cannot be used.

Priming: Prime all surfaces with RocFloor EP Primer at rate of 5-6 m² per litre. This ensures excellent adhesion for the following coats.

mixing mix part A and B separately for 2 minutes using a heavy duty 300-400rpm slow speed drill fitted with a mixing paddle. Pour Part B and Part A into a separate container and stir well for 1-2minutes. Add Part C slowly to the mixed base and hardener and continue mixing for further 2-3 minutes until a uniform and homogenous mix. Scrape the sides, edges and the bottom of the mixing container using a spatula, and continue mixing for a further 2 minutes till a homogeneous lump free consistency is achieved. Application The epoxy screed shall be applied immediately after mixing within its working time. Discharge the mixed mortar from the mixer and place on the floor when the primer is still in a tacky condition. Spread and compact the mortar with a wooden trowel to get a uniform thickness and complete the application with a steel trowel.

PACKING & STORAGE

RocFloor SC is supplied in 10 litre kit, factory quality controlled and pre-weighed units. Unopened units should be stored in shaded warehouses at less than 30°C; shelf life 12 months from date of manufacturing.

TYPICAL PROPERTIES

Mixed Form	Semi Dry mortar
Pot life	30-40 mins @30oC .
Density@25°C ASTM D 1475	2.0gm/cc±0.05
Service temp:	+5°C to 65°C
Full cure@25°C	7Days
Tensile Strength BS 6319-7	Min 15 N/mm ² @ 7 days
Bond Strength ASTM D4541	Min 1.5N/m ²

HEALTH & SAFETY

RocFloor SC Harmful by inhalation, if swallowed and in contact with skin. Wear suitable gloves and eye/face protection. Do not breathe fumes. Keep away from sources of ignition.seek immediate medical attention if in contact with eyes or ingestedWatchpoint: All movement joints must be carried through the tiles.

OTHER INDUSTRIAL FLOORING PRODUCTS AVAILABLE FROM CIL.

- ▶ **Rocfloor SB100** – solvent based epoxy Floor coating and excellent resistant to a wide range of chemicals.
- ▶ **RocFloor MH,EH&QH-** Mineral & Emery based dry shake floor hardner.
- ▶ **RocFloorSilicate** - Sodium silicate based concrete floor hardener and dustproofner.
- ▶ **RocFloor EP Primer-** Epoxy resin based floor sealer and bonding agent.
- ▶ **RocCoat SS-** water repellent silane siloxane for concrete and masonry.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Product representative or visit our website for current technical data and instructions.

Disclaimer

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer? Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and CIL makes no claim that these tests or any other tests, accurately represent all environments.

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