

Technical Data Sheet - TDS



RocFloor SB100

Solvent based Epoxy Resin Floor paint.

PRODUCT DESCRIPTION

RocFloor SB100 is a two component solvented epoxy resin based floor and wall coating. To provide a durable, easily cleaned, high build, hard wearing floor finish. contain a hydrocarbon solvent to dissolve the epoxy resin and help it to penetrate into the surface of the concrete, encourage easy flowing application and form a uniform film with good coverage

APPLICATION AND USAGE

RocFloor SB100 is designed for application to light to medium duty warehouses, Factory floors, aircraft hangars, light industrial storage and assembly areas, maintenance areas, Food and pharmaceutical industries etc.. Solvent based epoxy resin floor paints are fast curing and can generally provide good abrasion and chemical resistance. Historically this type of floor paint material was commonly and widely used to give the most economic and effective floor painting solution.

ADVANTAGES

- ▶ Solvented and hence better coverage and easy to apply.
- ▶ Fully sealed surface- dustproof and easy to clean.
- ▶ Available in wide range of colours, Easy to apply.
- ▶ Tough impervious finish- resists oils, grease and chemicals.
- ▶ Can be used with Non-Slip Aggregates- provides safe anti-skid finishes.

TYPICAL PROPERTIES

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. Surface 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: Pour Part A & Part B into a suitable mixing vessel and mix for 3-4 minutes using a slow speed drill and spiral mixing head. Ensure the mixed material achieves a uniform colour and the mixed material is lump free

Application: Apply first coat on the prepared surface by spray, brush or roller ensuring surfaces are evenly covered. Avoid pinholes by applying second coat at right angles to the first Anti-slip finish: Apply First coat of RocFloor FC100 on to the prepared surface. While the coating is still tacky, broadcast specified grain size on to the surface. Apply the top coat after removing the excess aggregates.

TYPICAL PROPERTIES

Appearance	Clear pale liquid.
Pot life	30-40 mins @30°C
Service temp	+5°C to 65°C
Density@25°C	1.20±.05gm/cc
Application Temp:	30+/-10°C
Solid content (by weight)	Min 60%
Drying Time	Min 6 hours

PACKING & STORAGE

RocFloor SB100 is supplied in 5 litre and 15 litre factory quality controlled and pre-weighed units. Unopened units should be stored in shaded warehouses at less than 30oC; shelf life 12 months months from date of manufacturing.

HEALTH & SAFETY

RocFloor SB100 contains epoxy resin and a polyamine adduct . 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 ingested.

OTHER INDUSTRIAL FLOORING PRODUCTS AVAILABLE FROM CIL.

- ▶ **Rocfloor FC200** – 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 dustproofer.
- ▶ **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.

CHEMCON INTERNATIONAL LLC

P: 12360,Thoban Fujairah, United Arab Emirates T : +971 6 882 0024
E : info@chemconinternational.com W : www.chemconinternational.com