

Technical Data Sheet - TDS



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CIL Aggregates

Selected hardwearing aggregates for RocFloor & RocGrout Products

PRODUCT DESCRIPTION

CIL Aggregates are carefully selected mineral aggregates used in conjunction with RocFloor coatings to produce anti slip surfaces & with RocGrout systems for large volume and reduced heat of hydration applications.

APPLICATION AND USAGE

In RocFloor applications; Loading bays, vehicle and pedestrian entrances, ramps, stair treads, wet or oily work areas in all types of industrial premises.

The average consumption should be min. 0.5kg/m² Always keep a sagging of the sand

Which can especially happen at uneven substrates or where the resin got applied in thicker layers. Where epoxy resin got applied in multiple layers, just the last layer has to be broadcasted.

In RocGrout applications; large volume grouting applications under machinery, generators, pumps etc. Also for concrete repair applications as a micro-concrete.

ADVANTAGES

- ▶ Anti-Skid finishes- produces safer work areas.
- ▶ Chemically inert- non-metallic, non-rusting.
- ▶ Factory graded, oven dried and packed- for consistent, reproducible quality.
- ▶ Mohs hardness greater than 7- extremely hardwearing and abrasion resistant.

DIRECTIONS FOR APPLICATION

For information on the application of specific products, see individual Technical Data Sheets.

Coatings: After preparation, apply the first coat. Before cure has taken place, scatter the selected CIL Aggregate at the desired rate using a sprinkler box or colander. Allow coating to cure overnight, then sweep off excess or unbonded aggregate. Apply the top coat(s) of the relevant RocFloor coating to seal in the aggregate.

Toppings: After application and spike rolling of the RocFloor smooth HD system, broadcast the selected CIL Aggregate until full coverage is achieved and no base coat material is visible.

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Allow to cure overnight then brush off or vacuum clean excess unbonded aggregate. The surface is now ready for sealing with the relevant RocFloor coating.

RocFloor applications: Surface preparation and application details are specified in the relevant product literature. CIL Coarse Aggregate is added to the mixed prior to water addition. No extension to normal mixing times is required.

COVERAGE

Can be varied to suit individual needs.

TYPICAL PROPERTIES

Coarse	Medium, coarse Extra fine
Color	N White & Grey.
Consumption	Min 0.3kg/m ² for antiskid floor
PH	4.0 – 6.0
Packing	25kg paper/plastic bags or 1000 kg
Storage	12 months
Chloride content	Nil

PACKING & STORAGE

Is supplied in 20 ltr and 200 ltr drums and it has a minimum shelf life of 12 months provided it is stored under cover out of sunlight.

HEALTH & SAFETY

CIL Aggregates may contain minimal amounts of respirable silica. Maximum exposure limit 0.4mg m³ for 8 hour TWA. If unable to control dust emission below the recommended limits, approved respiratory protection must be worn. For individual products mentioned, see separate Technical Data Sheets.

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.
- ▶ **RocCoat NT-** Non toxic Epoxy coating.

Non-slip Aggregates- carefully selected, clean dry and graded hardwearing aggregates non-slip surfaces.

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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