

DONCRETE-MD

PRODUCT FEATURE

DONCRETE-MD is a non-oxidizing, chemically inert metallic dry shake floor topping for monolithic floors. It contains a blend of specially graded BETONAC aggregates and ordinary Portland cement. Colored versions of DONCRETE-MD also contain a high quality durable pigment.

When trowelled into freshly laid concrete DONCRETE-MD produces a dense tough, abrasion resistance surface suitable for most industrial floors. The product is designed for application by either hand or using automatically spreading equipment.

MATERIAL SUPPLIED: - 25 Kg polythene-lined paper sacks.

COVERAGE: - Recommend applications rate-5.4 Kg/m²

STORAGE: - Protect from frost and stored under dry warehouse condition at a temperature between 10⁰ C and 30⁰ C.

SHELF-LIFE: - 9 months in unopened bags, stored under good conditions.

APPLICATION INSTRUCTIONS

Base concrete: - The base concrete should be placed in accordance with good concrete practice and have a minimum compressive strength of 25 N/mm². At a minimum 75 mm thickness the water: cement ratio should be kept to a minimum consistence concrete without excess water should free water be present at the surface this should be allowed to evaporate or brush away, before the application of DONCRETE-MD.

CLEANING:-All equipment and tools should be rinsed with water immediately after use and then dried.

WORKING CONDITION: - Application of both the **DONCRETE-MD** and other should be carried out in as clean and protected environment as possible.

APPLICATIONS OF DONCRETE-MD:-

The **DONCRETE-MD** should be broadcast evenly over the surface of base concrete. Where manual trowling is involved, application in two equal stages is recommended. Immediately after each stage the **DONCRETE-MD** is trowelled in, either by hand or using a power float. For large floor construction **DONCRETE-MD** can be spread and trowelled should be carried out to close any pores and remove any marks. It may be necessary to remove disc marks and to achieve the final finish required. When the surface has sufficiently stiffed a second trowelling should be carried out to close any pores and remove surface undulations. Further treatment may be necessary to remove disc marks and achieve the final finish required.

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TECHNICAL INFORMATION:-

ABRASION RASISTANCE
The DONCRETE-MD system meets the requirements of BS8204 Special Class with typical water values of 0.01 mm. Copies of an independent test report are available on request.
SLIP RESISTANCE
When measured with the TRRL Pendulum tester, a typical new DONCRETE-MD floor produced values of 74-92 when dry and 54-65 when wet. The anti slip properties of such floors will be determined by the conditions of the final power floating and will change with the conditions use.
ANTI STATIC
Conforms to the requirement of table 2 of BS2050:1978 which specifies the requirements for anti static industrial and hospital flooring.
BETONAC AGGREGATES
Polishing stone values (PSV) BS12: Part114 1989=60-65

CURING/HARDENING / SEALING: - After final trowelling is complete, DONCRETE-MD should be applied by spray taking care to avoid any puddling. Where a spray-applied polymer curing membrane is not specified. The surface may be cured suing DONCRETE-MD Appropriate measures should be taken to prevent the surface from drying out too rapidly. The use of polythene sheeting is not recommended as this can cause blooming of the surface, particularly with colored DONCRETE-MD. Surface hardening may be achieved by the use of DONCRETE-MD a water based silicate hardener. This is applied to the floor once the DONCRETE-MD has cured adequately. If more chemicals resistance is required, then other chemicals can be used. This is applied once the DONCRETE-MD has dried.

GENERAL GUIDENCE: - This data sheet is for general guidance purpose only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from Technical Department.

TECHNICAL COLLABORATION WITH



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