

GREENSEAL ULTRAMIX

DESCRIPTION

ULTRAMIX anti-wear flooring systems are a blend of high quality aggregates, special types of cement and chemical which monolithically applied into fresh concrete.

They give added protection against wear, impact and abrasion on concrete surfaces. It is built with high resistance against many industrial chemicals, oils, greases and detergents.

ULTRAMIX flooring systems contain specially chosen non-metallic mineral aggregates.

ULTRAMIX is suitable for heavy-duty areas. It can be applied both indoors and outdoors. The material with its non-dusting properties is highly suitable to be utilized on different industrial and commercial floor applications.

USES

ULTRAMIX floor systems are designed to ensure improved durability in applications where the floor is subjected to light, medium and heavy traffic. It can be utilized for the following areas:

- * Workshops
- * Power Stations
- * Garages, Car Parks
- * Loading bays
- * Shipyards
- * Factories
- * Industrial and Commercial Warehouses
- * Underground Flooring
- * Pedestrian Walkways
- * Metro Station

ADVANTAGES

- * Premixed offering factory controlled quality assurance.
- * Fast application resulting in considerable time savings.
- * Gives wear, abrasion and impact resistance superior to concrete.
- * Non-Oxidizing
- * Slip-resistance finish can be obtained.
- * Higher impermeability compared to concrete.

- * Forms an integral part of the floor surface and will not delaminate or peel.
- * For internal and external use.
- * Easy to clean and maintain.

PROPERTIES

Colour : Grey ; Chemical Resistance, Will resist motor oils, minerals oils, mild acids, salt solution 10% and sea water.

COVERAGE

Light Traffic : 4kg/m²
Medium Traffic : 5kg/m²
Heavy Traffic : 7kg/m²

APPLICATION

ULTRAMIX is to be applied to the concrete should neither be too wet or too dry. If the material is applied on a very dry concrete the hydration of the product is affected and the result will be unsuccessful. The following properties are required on the wet slab concrete:

Cement Content : Minimum 320 kg/ m²

W/C Ratio : Maximum 0.50

Slump : Ideally 75mm

Strength : Minimum 30

After placing the concrete should be leveled off with a straight edge (wooden bull flat) and then vibrated. The surface is then floated with a wooden float ensuring that it is not closed. Any bleed water should be removed.

- * When the concrete is hard enough (3 mm foot trace) apply 2/3 of the required material uniformly to the concrete.
- * Allow applied material to absorb moisture form the concrete surface. A darker colour will be apparent.
- * Using a wooden float, trowel the material into the concrete surface.
- * Apply the remainder of the material and wait until the material is absorbs moisture from the concrete surface. The material is again trowelled into the concrete using a wooden float.

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Store in cool place. Use within 24 months of date of manufacture.

CURING

Curing is very important and should not take place immediately after completion of finishing.

WATCHPOINTS

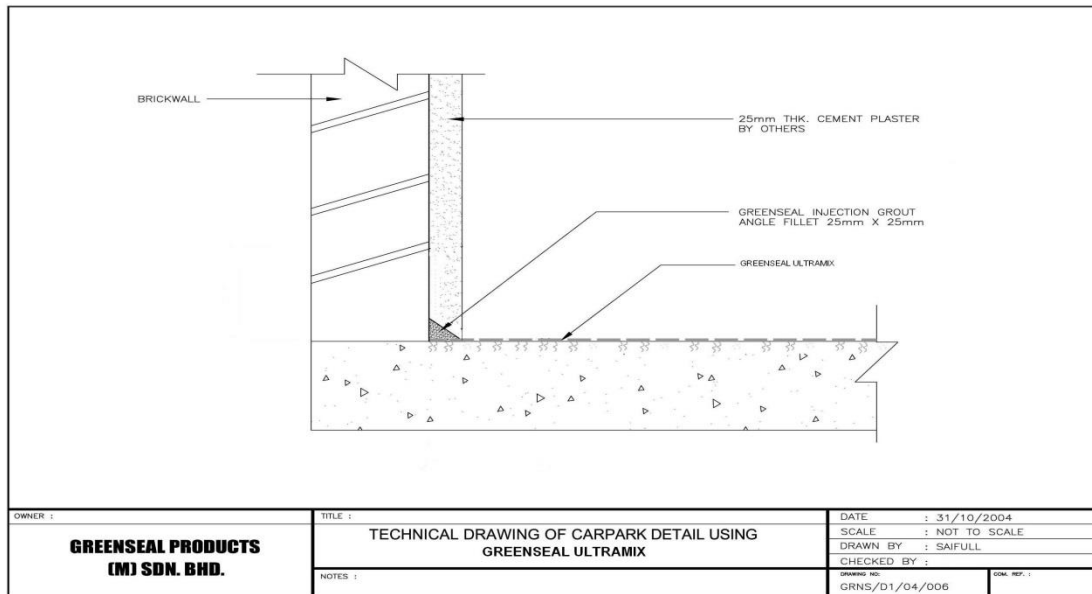
Dry shake application should not take place when winds are blowing.

STORAGE

HEALTH & SAFETY

Greenseal Ultramix contains cements which may cause skin irritation. For precaution, protective gloves and goggles are recommended to be worn when handling of this product. Always allow air to ventilate in the basement or in an enclosed area. If ingested, do not induce vomiting but seek medical attention. In case of eye contact, rinse thoroughly with abundant waters. If case of skin contact, wash affected areas with soap and water. Change to clean clothes and shoes. Wash contaminated clothes/shoes thoroughly before reuse

TECHNICAL DRAWING USING GREENSEAL ULTRAMIX



Guarantee

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. GREENSEAL reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorized by us. Our guarantee covers exclusively the quality of the manufactured product. We will not accept any responsibility exceeding the value of the purchased product.

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Greenseal is certified by
MS ISO 9001:2008 Quality Management System
ISO 14001:2004 Environment Management System

