

GrecoCrete® HD

Technical Data

Description

GrecoCrete HD is a heavy duty polyurethane based flooring and rendering system designed to provide excellent resistances to abrasion, chemical attack and other physical aggression.

Uses

GrecoCrete HD is recommended for conditions requiring the highest order of durability, resistances to abrasion impact and chemical attack. Specific application include food and beverage production, fish and poultry processing, dairies and milk products, kitchens, cold rooms, chillers and freezers. Excellent performance under thermally induced stresses such as steam cleaning.

Composition

Water dispersed polyurethane resin system combined with special graded aggregates.

Appearance

A slightly textured aggregate surface providing light slip resistance.

Thickness

Typical thickness of 6mm - 12mm

Substrates

Concrete, polymer reinforced screeds, mild steel, properly supported wood floors, etc.

Surface Preparation

To be assured of maximum adhesion correct surface preparation is essential.
Apply **GrecoFloor WB Primer** as primer coat.

Application Conditions

5-35°C. Maximum moisture content of substrate 10%.

Placing

To be installed by trained and licensed applicators.

Colours Available

Standard colours of Red, Green, Yellow, Grey and Cream.

Coverage

Approximately 2.1kg/m² @ 1mm thick.

Packaging

GrecoCrete HD is available in 27.0 kg set



Cure Schedule

Usable pot life@ 20°C	: 15 mins
Initial join up time@ 20°C	: 20 min
Cure to foot traffic@ 20°C	: 6 - 8 hrs
Cure to full use@ 20°C	: 12 - 16 hrs
Service Temperature	- 15°C to 80°C (6mm) - 40°C to 120°C (9mm)

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Flexural Strength	: 13 N/mm ²
Tensile Strength	: 6 N/mm ²
Compressive Strength	: 52 N/mm ²
Density	: 2100 kg/m ²

UV Resistance

UV exposure will result in yellowing of the floor. Which is most apparent light colours.

Chemical Resistance

Unmatched resistance to organic and inorganic acids, alkalis, fuels, oils, aromatic and aliphatic solvents.

Maintenance

Regular cleaning of applied surface is recommended in order to maintain slip resistance and aesthetics.

Health & Safety

Apply product in well ventilated area. Avoid skin and eye contact. Wear suitable protective clothing, masks and gloves while handling product. Keep away from heat and open flame.

Note:

Use the leaflet as a guide for the use of this product concerned. The information given is in accordance with the latest technical developments. However, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or the condition of the site involved.

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