

COVERCRETE

Technical Bulletin

HD / HDB HEAVY DUTY

Description

Covercrete HD/HDB is a heavy duty liquid polyurethane based flooring system designed to provide excellent resistances to abrasion, chemical attack and other physical aggression.

Composition

Water dispersed polyurethane resin system combined with graded silica aggregates.

Appearance

HD/HDB gives a slightly textured aggregate surface providing light slip resistance. **HDB** gives a more aggressive non-slip surface.

Coverage

Approximately 22-24 sq. ft. per unit @ 1/4"

Durability

Highest order of durability, resistances to abrasion impact and chemical attack. Excellent performance under thermally induced stresses such as steam cleaning.

Thickness

Typical thickness of 1/4" - 3/8" (6mm-10mm).

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. Refer to Covercrete preparation guide.

Application Conditions

5-30°C. Maximum moisture content of substrate 10%.

Mixing

Premixing of coloured liquid component is recommended to ensure any light settlement is reincorporated. Add the part one to a rotary drum mixer and then add part two. Mix two components for approximately one minute. Slowly add the aggregate part three till a lump free matrix is obtained.

Placing

To be trowel applied by licensed applicators using steel trowels. **HDB** requires a COVERQUARTZ broadcast to finish the surface.

Maintenance

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

Cure Schedule

Usable pot life @ 20°C 15mins
Initial join up time @ 20°C/ 1/4" 20mins
Cure to foot traffic @ 20°C/ 1/4" 6 - 8hrs.
Cure to full use @ 20° / 1/4" 12 -16hrs

Chemical Resistances Technical Data

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



Colours Available

Standard colours of Red, Grey and Cream.
Custom Colours subject to minimum orders.

Technical Data

Flexural Strength	1 800 psi
Tensile Strength	850 psi
Compressive Strength	7 400 psi
Elastic Modulus	1.7 x 10 ⁵ psi
Density	130 lbs/sq.ft.
Softening point	260 °F

For more information:
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