



QUICSEAL 107HD

Product Name

Sealer HD

Description

QUICSEAL 107HD is a colourless low viscosity penetrating sealer for concrete, masonry and brickwork surfaces. It comprise of a blend of special resins in aromatic solvents, which improves external weathering, abrasion properties and reduces the permeability of the applied substrate to water and salt solutions.

QUICSEAL 107HD is suitable for application to both internal and external concrete, brickwork, masonry, cement plasters, renders and screeds. It is also an excellent sealer for exposed aggregate finishes, concrete floor screeds and porous toppings. When used as a floor sealer it will improve the wear resistance, therefore reducing the tendency of concrete floors to dusting. It is non-yellowing and UV resistant.

Uses

- As a sealer for waterproofing the tile grouts, thereby preventing water seepage through the tile joints.
- For waterproofing roof tiles, thereby preventing water seepage.
- As a sealer for slate and terracotta tiles and certain natural stones to prevent staining on the surface.
- As a water resistant sealer on underside of and concrete substrate prior to laying wood, rubber, vinyl sheet finish to prevent water transmission.
- As a dust-proof coating on concrete, cement plaster, screeds and exposed aggregate finishes.
- Improve wear and stain resistance on concrete floor and pavements in factories, airports, seaports, driveways and car porch.

Surface Preparation

Surfaces must be clean, dry, and free from oil contamination and be sound before the sealer is applied. Concrete should be level and cured for at least 14 days old before application and remove all traces of laitance, shutter release or curing membrane or any substance that may inhibit penetration and adhesion of QUICSEAL 107HD. Patch up existing cracks with QUICSEAL 304 Epoxy Putty or QUICSEAL 510 non-shrink grout.

NB : Ensure that the substrate is dry before application.

Application

Apply evenly by brush, roller or non-atomising spray. Where necessary, additional coats can be applied to achieve desired properties.

Avoid over-treating, as this will contribute to a glazed effect on the treated surface.

Packing & Coverage

Pack size : 2 ltr, 5 ltr & 20 ltr per container

Coverage : approximately 8-16 m²/ltr/coat

Note: Consumption of material may vary depending on the types of substrates.

Technical Data

Product Type	Solution of polymers in solvents
Density	1.02.Kg/m ³
Color	Clear
Tack Free Time	Approximately 1 hour depending on temperature and humidity
Depth of penetration	Up to 5mm depending on substrate absorbency
Tensile Bond Strength (ASTM D412:1992)	> 5 N/mm ²
Stain resistance (ASTM D1308) (hydraulic oil, mild acid & alkali)	Excellent
Abrasion Resistance (ASTM D4060: 2010) (Abrasive disc: H22, 200 cycles load 1kg)	< 0.045g loss

Storage

The shelf life of QUICSEAL 107HD is 12 months when stored unopened in a cool and dry place.

Cleaning

Clean all brushes and tools with solvent immediately after use.

Health & Safety

Gloves and facemask should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Use in well ventilated environment.

Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL

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