



BUILDROCK FLOOR LHD

SODIUM SILICATE BASE LIQUID FLOOR DENSIFIER DUST PROOFING , ANTI SCRATCH SEALER AND CURING COMPOUND FOR CONCRETE

TECHNICAL SPECIFICATIONS & DATA SHEET

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DESCRIPTION

Buildrock floor LHD is a Liquid Silicate base compound blended with Other chemicals for Concrete Surface application ,after this application of material , concrete shall be Hardened ,dust proof .it is also used as a sealer for concrete surface .it can also be used a newly fresh concrete ,old Concrete .

AREAS OF APPLICATION :

- Shopping Malls
- Service Station
- Old to new concrete Surface
- On concrete slabs where no specific curing efficiency or standards are required.
- Food stockyard
- Warehouse floor .
- Dustproofing for prefabricated concrete .
- Suitable for Exterior or interior Application.

ADVANTAGES :

- Can be applied over the Any types of tiles (Horizontal Surface and vertical Surface).
- It is ready to use Liquid densifier
- Enhance the Chemical and abrasion resistance compared to the Control Concrete .
- Reduce dusting of concrete on the floor .
- Improve cleanability .
- Solvent free
- Good Penetration
- Colorless and odorless .

METHODS OF APPLICATIONS:

SURFACE PREPARATION :

Ensure that the surface is free from oil ,grease ,dust and other loose material .all fogien material removed by sandblasting ,Iron wire brush ,high vacuum pressure pump or by mechanically grinding .
Remove all old paintings from the concrete floor by grinding machine

APPLICATION OF MATERIAL :

After Surface Preparation apply **Buildrock floor LHD** on concrete surface at coverage 200-300 gm/M Square .you can obtain more coverage by brush application for best result with new concrete floor wait for 8-10 days after placement cement has sufficiently prior to treatment with **Buildrock floor LHD** .

TECHNICAL SPECIFICATION :

• Physical Appearance	Liquid ,transparent
• Color	Colorless
• Specific Gravity	1.2±0.05
• Foot traffic	5-6 Hrs
• Curing time	8 hrs
• % of Solid Contents	25-27%
• pH	11-12
• Abrasion resistance	60% Improvement
• Hardness Test	50% Improvement

All the Technical data are based on Laboratory test .actual data ,may be vary due to circumstance beyond our control

CONSUMPTION :

Buildrock floor LHD 1 Ltr will cover from 3.5-4.5 kg /M Square of concrete surface depending upon the Surface Condition .2-3 coats are required .First coat is used as a Sealer coat .

LIMITATION :

Do not apply **Buildrock floor LHD** on those surfaces which is Suffer From rising dampness ,osmosisproblem and relative Humidity greater than 70%.

Do not Apply **Buildrock floor LHD** on pvc tiles ,asphalt weak concrete ,unmodified sand cement Screed

COVERAGE :

Buildrock floor Hard -CTM may be applied at rate 3 Kg/m² over concrete for normal traffic & 6-12 kg/m² for heavy traffic

SHELF LIFE :

Buildrock floor Hard -CTM 12 Month from the date of Manufacturing in packed condition (Not Broken and do not leakage).

HEALTH AND SAFETY :

Before Application of **Buildrock floor LHD** labors should be wear mask and Hand Gloves

Skin Contact: if **Buildrock floor LHD** contact with Skin then immediate wash with water .

Eye contact : when it is contact with eyes then immediate splash of eye with plenty with water

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