



BUILDROCK HSRM

THREE COMPONENTS HIGH STRENGTH EPOXY
RESIN MODIFIED BASED REPAIR MORTAR

TECHNICAL SPECIFICATIONS & DATA SHEET

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DESCRIPTION

Buildrock HSRM is a three component Epoxy resin Modified repair mortar for Concrete Floor .**Buildrock HSRM** is a provide a Durable, hard and Smooth Surface .It is good adhesion to epoxy underlay System .

AREA OF APPLICATION :

It can apply for filling the pits or undulating Surface before application of Buildrock floor SL Underlay to make plane Surface .

Pharmaceutical Industries
Laboratories.

ADVANTAGES :

- Provide Good Durability
- Good Adhesion to Concrete Floor .
- Excellent Bond Strength to floor .
- Excellent Compressive strength and load Bearing Capacity

SURFACE PREPARATION:

Remove the all loses particle ,unsound Concrete ,oil ,Grease , old Coating ,Laitance, Foreign Particle by Mechanically Grinding methods ,Iron brush, Sand blasting or Compressed air For Best Bonding properties Concrete Must be Prepared As per CSP 1,2,3

After that Surface must be prime by Buildrock floor 41 primer (two Component Epoxy rich prime) and leave material for complete drying before application of Buildrock HSRM.

MIXING :

Add Buildrock HSRM Part-B into the Part -A Container and mix slowly slowly by the helping of a drill mixer at 600-700 rpm .

After that, charge Part-C into the whole Mix Material (mix Material of Part-A And part-B) and mix slowly slowly by a drill machine for 5-6 min at 600-700 rpm till homogenous mixture is obtained.

Complete the mixing of the above part, leave the whole material for 2-3 min to settle the material and release the Air Entrapped before application on Substrate.after that fill the material by putty blade in pits or undulating Surface and leave the applied area for 24 hrs for complete curing .

TECHNICAL SPECIFICATION :

Physical Appearance	Low Vis Liquid ,Colorless
Specific Gravity of Part -A	1.12
Specific Gravity of Part -B	0.96-0.98
Pot life @27C	60-70 Min @25C
Mix Density	1.8-1.9 gm/cc
Service Temperature	10C-50C
Mixing Ratio	
foot traffic time	24 hrs @25C
Flexural Strength 7 days	24 -26 Mpa
Pull out Adhesion test	>5 mpa
3 days Shrinkage	NIL
Shore D 24 Hrs	70-80
Compressive Strength	
3 days	42 mpa
7 days	58 mpa
Water Absorption	Nil

LIMITATION :

Do not apply Buildrock HSRM those surfaces which is Suffer from rising dampness ,Potential osmosis Problem .
Don't apply Buildrock HSRM on wets areas
Don't apply Buildrock HSRM without Prime Surface.

SHELF LIFE :

12 Month from the date of manufacturing in original packing condition,Do not accept open packing .Store in cool and dry place

HEALTH AND SAFETY :

Before Application of Buildrock HSRM wear Protective Gloves, Mask and goggles

Avoid Skin Contact

If Skin Contact: wash hand immediately with plenty of water using Soap

Eye Contact: wash splashes of Eyes with fresh plenty of water by using eye washer; consult with physician if symptoms persist.

Never wash hands with Solvent.

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