

TECHNICAL DATA FOR BS RAINPEL

A Super Hydrophobic Hybrid Natural look treatment for Masonry & Wood

Description for BS Rainpel

BS Rainpel Sealer is a 100% transparent, pore penetrating sealing system that creates an invisible hydrophobic layer. It may be used on all kinds of masonry surfaces such as clay brick, cement blocks, marble, granite, limestone, sandstone including wooden surface and on joints in tiling installations.

BS Rainpel renders the surface resistant to water ingress and creates a Lotus leaf or beading effect to let water float on the surface instead of getting absorbed in the surface.

Advantages of BS Rainpel

1. Forms invisible hydrophobic layer
2. Non membrane forming
3. Preserves Natural look of the surface
4. Prevents growth of fungus & stains on the substrate
5. Increases life of stone / facade by reducing the weathering effects due to moisture absorption
6. A new generation product that can also be applied on exterior wooden elements to preserve their raw natural look.
7. No Smell & Non Flammable with Low VOC.
8. Performs well for exterior use.
9. May be used as grout release on vitrified / ceramic tiles before application of grout

Instructions for using BS Rainpel

1. Comes as Ready To Use.
2. Surface should be free from moisture, dust & any kind of oils or such impediments
3. Apply by good quality brush, Sponge or Spray.
4. Allow to be absorbed by the surface in 5 to 8 minutes.
5. The material should be worked-in properly by rolling action
6. Start from the top so that dripping is controlled and a good finish is achieved.
7. Any excess material may turn white residue on treated surface. To correct this reapplication to be done on affected area and simultaneously

buffed by soft cotton cloth or sponge to correct the finish.

8. Do not apply in extreme temperatures i.e. above 35^c or below 15^c.
9. Second coat may not be needed in most cases. For highly porous surfaces needing more coats do trials first.
10. Full cure will take 72 hours so check the weather conditions before starting application. Rainfall may hamper expected results before material is fully cured.

Essential properties of BS Rainpel

Appearance	: Hazy Whitish Liquid
Flammable	: No
Dilution	: Not Needed
Film Forming	: No
Sprayable	: Yes
Full Cure	: 72 Hrs
Reference Standard	: ASTM C97 / ASTM C97 M- 09

<u>Property</u>	<u>Unit</u>	<u>Value</u>	<u>Comment</u>
Density	Kg / cm	1.00	+/- 0.02
Shelf Life	Months	12	Indoors
Packing	Pails / Drum	Kg	5 / 20
Disposal	Empty Packaging	Reusable after cleaning	Yes, non food grade items only

