

Stone PROTECT-U



Description:

Stone PROTECT-U is a water based, single component, molecular technology that forms an invisible flexible quartz glass barrier on absorbent, polished and man made silicate based substrates. The treated surface becomes dirt and mineral resistant, hydrophobic, oleo phobic, and offers easy clean attributes. Performance on GRC/GRP composite materials is excellent. **Stone PROTECT-U** will protect buildings against environmental decay, airborne particulate matter and U.V. damage and can be applied to wet grout to expedite project completion.

Surface of Application:

Stone PROTECT-U has been developed for use on all silicate based material and may be applied to glass reinforced concrete and glass reinforced plastic composites such as CCV, Fiber Beton, GFB, GRE, GRVE, GRUP, RTR, etc..

Directions for Use:

Surface must be dry and free of all soil, dirt, oils, and sealers. Test in an inconspicuous area before application. Exterior cleaning of surface may be done using a high pressure washer and appropriate cleaners. Application of **Stone PROTECT-U** is achieved by various methods, hand pump sprayer, HVLP, airless sprayer, brush, roller, may all be used. Spray liberally until surface is completely wet. Observe absorption. If surface readily absorbs **Stone PROTECT-U**, a second coat will be needed. If pooling occurs, spread excess **Stone PROTECT-U** until absorbed. Ensure even coating. Apply at temperatures of 10C/50F – 30C/86F.

Curing Time:

Stone PROTECT-U stabilizes in minutes after application and treated surface may experience light use when dry. Curing is complete after 24 hours at the ambient temperature of 20 C, 70 F. Drying may take longer at lower temperatures and/or higher humidity.

Coverage:

Coverage of **Stone PROTECT-U** depends on the surface absorbency and application technique and varies from 30-150 ml/m2. Additional applications may be necessary on absorbent substrates.

Surface Maintenance:

Treated surfaces may be cleaned using a pressure washer adjusted to low setting, mild soaps and cleaners such as vinegar. Ensure rinse of cleaners.

Stone PROTECT-U (continued)

Product Features:

Invisible, skin friendly, easy cleaning, dirt repelling, water cleaning (minimal cleaners needed), long lasting & durable, short drying period, environmentally friendly, can be used to seal wet grout.

Resistant To:

Water, humidity and oil, soil & stains, bacteria & other microbes, mold & algae, ultraviolet (uv) rays, acid and alkaline, abrasion, hydrolysis, high temperatures.

Ingredients:

SiO₂ dissolved in water.

Precaution:

The use of latex gloves is recommended as the product may dry the skin. Avoid inhalation.

Handling:

Refer to MSDS sheet.

Containers:

Size of containers on demand.

Shelf Life:

1 year for an unopened original container. Opened product should be used as soon as possible. Keep in a cool dry place.

The information on this data sheet is based on the current status of technical development as well as our experience with the product. However, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care that our product is suited for the intended purpose, surface and application conditions. Note in particular, that we accept no liability in cases where we have not explicitly stated application purposes and types of use.

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