



PRICE RESEARCH, LTD.
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PRODUCT DATA

STONE STABILIZE

PRODUCT NAME: STONE STABILIZE

MANUFACTURER: PRICE RESEARCH, LTD.
3511 Stadium Drive
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PRODUCT DESCRIPTION:

STONE STABILIZE is VOC compliant, penetrating, breathable polysiloxane material, specially formulated for use on limestone, precast and concrete surfaces where surface darkening is unacceptable. STONE STABILIZE reduces bonding of airborne dirt and hydrocarbons; water damage caused by freeze/thaw cycles is reduced. Provides protection against efflorescence and exhibits excellent resistance to ultraviolet rays.

LIMITATIONS:

Air and surface temperatures must be 40°F of higher at time of application. Repointing should be done and allowed to dry before application. Caulking must be done and allowed to cure or until material is set before beginning application. Protect surrounding non-masonry surfaces such as glass, aluminum, painted surfaces etc.. Any inadvertent drips, splashes or runs should be removed with water before solution has dried on the surface. Application of the product should not occur when rain is expected within 4 hours. Do not allow product to freeze, store at room temperature (68°F).

STONE STABILIZE may not be suited for application to all surfaces, ie.: gypsum plaster or synthetic resin paints and split face block; test patches must always be conducted.

PRECAUTIONS:

Protect all adjacent non-masonry surfaces. Adjacent vegetation should be protected by covering to protect in event of overspray and/or excessive runoff. **CAUTION:** Product must not be altered. Product must be applied as supplied. Workers should wear chemical splash goggles to prevent contact with the eyes. Care must be taken to prevent overspray and wind drift onto adjacent building, pedestrians and vehicles.

PREPARATORY WORK:

Masonry, concrete and stone type surfaces should be clean, dry, sound and free of oil, grease, sand surface dirt/dust, chemical films and coatings. Remove loose and/or deteriorated mortar, repoint and allow to dry for at least 72 hours before application. Caulking must be done prior to application of STONE STABILIZE and allowed to dry 6 to 12 hours for curing (or until material is set). If there is evidence of efflorescence or alkali deposits on the surface it should first be neutralized. New concrete should be allowed at least 14 days to cure before application.

A test area of the job surface MUST be test coated and approved by the architect and building owner before beginning full scale application. Application must be done using the same equipment as would be used during full scale application. Individual surface types must be tested. Inspection of the test areas should occur after the surface has thoroughly dried. There must be hydrophobic resistance to water penetration through the masonry. A pressure washer or garden hose with a straight stream nozzle shall be directed at the test patch area for approximately 5 minutes to confirm penetration resistance. A water bucket splash method or spray bottle spritz are unacceptable.

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APPLICATION:

STONE STABILIZE must be applied as packaged and per recommendations, do not alter or dilute the product. Surface and air temperature must be above 40°F when being applied. To insure uniformity and even solids distribution, the product must be thoroughly mixed before application. Ideally, STONE STABILIZE should be applied with low volume (50 psi maximum) airless spray equipment. Working bottom to top a light mist should first be applied to break surface tension. Then apply a flood coat with a minimum of 8 to 12 inch rundown. Depending on the porosity of the substrate a second application may be necessary as indicated by the test patch.

If a brush or roller is used for the application, extra care should be taken to assure sufficient material is applied to saturate the surface thoroughly. Heavy runs or drips should be brushed out if they do not penetrate.

When application is to horizontal surfaces, STONE STABILIZE is to be applied in a single saturating application. Care must be taken to insure sufficient material is applied. If pooling or puddles occur they should be broomed out until they thoroughly penetrate into the surface.

COVERAGE:

Varying porosity and texture of masonry surfaces will dictate the amount of material required for effective treatment. The following is only a guide for estimating the amount of material necessary for the various surface. A test patch MUST be conducted to determine accurate rates and number of applications.

COVERAGE RATE	
<u>Substrate</u>	<u>Sq. Ft. Per Gallon</u>
Poured in Place and Precast Concrete	100 to 150 sq.ft.
Hard Burnt Brick	100 to 150 sq.ft.
Exposed Aggregate	100 to 150 sq.ft.
Limestone	100 to 150 sq.ft.
Stucco	60 to 110 sq.ft.

TECHNICAL DATA:

Flash point	112°F (44°C)
Color	Clean
Solvent	Mineral Spirits
Active solids	5 – 20%
Shelf life	6 months

LIMITED WARRANTY:

Price Research, Ltd. has no control over the storage, handling or use of its products, thus the guarantee is limited to the purchase price of defective material only.

TECHNICAL SERVICE: Call Price Research, Ltd. at (816) 924-5955 and ask for Technical Service.