

COMPOSITION

Stone Consolidate based on silicic acid tetraethyl ester. Does not confer any water-repellent effects

USES

One-component consolidator to solidify and restore weathered stones and mineral construction materials.

PROPERTIES

- ✓ One-component, reactive system
- ✓ Consolidating effect on weathered stones by forming a silicate-based network - Creates non-sticky surfaces of the substrate, therefore no dirt pick-up
- ✓ Breathable, no impairment of the water vapor permeability - Highly penetrating
- ✓ No change of color
- ✓ Suitable for all weathered absorbent natural stones, brick, terracotta, stucco, brick clay and fresco

TECHNICAL DATA

- ✓ Appearance: colorless, clear, liquid
- ✓ Active ingredient: 50%

APPLICATION

Pre-cleansing is recommended before the use of **Stone Consolidator**. Cleansing should be done very gently. Mass-loss of the weathered stone should be as low as possible.

In order to consolidate the mineral substrate, **Stone Consolidator** is preferably applied undiluted to the dry and cleaned material. **Stone Consolidator** reacts with moisture while separating alcohol to form a polymeric siliceous network. The network re-embeds the decomposed mineral particles and thus stabilizes and fixes the stone permanently.

Stone Consolidator is applied by brush, flooding or spraying application. Apply a uniform and rich coat of the product to the absorbent surface. It is recommended to repeat this procedure several times wet in wet. After saturation of the substrate, surplus material should be removed in order to avoid glossy surfaces. Working equipment as well as accidentally impregnated surfaces can be cleaned with common organic solvents.

The impregnating process with **Stone Consolidator** can be re-done after a reaction time of 3 weeks after the initial treatment. The material consumption of **Stone Consolidator** strongly depends on the substrate and normally varies between 0.5 – 5.0 l/m².

Apply **Stone Consolidator** in dry weather conditions at temperatures between 5° - 25° C. Do not expose to rain for several days after treatment.

The effect of consolidation with **Stone Consolidator** has fully developed after 2 – 3 weeks.

Stone Consolidator is highly sensitive to hydrolysis, any contact with moisture during storage should be avoided. Otherwise the product will get unusable (gelification).

Mfg & Market By:

FACTORY ADD : 'J' TYPE SHED, PLOT NO. 2314, PHASE III, G.I.D.C. AREA. VAPI – 396 195 (GUJARAT)

Tele : +91 260 242 1078 Call : +91 93750 34083

E-Mail: trinityrubbervapi@gmail.com Web: www.waterrepellent.in

STORAGE

The product is sensitive to frost and heat and must not be stored at temperatures below 0° C or above 40° C. Irreparable damage is possible. In the case of suspected frost or heat damage, the usability of the product has to be checked before processing.

ATTENTION

The above recommendations are based on comprehensive studies and practical experience. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for him whether the product and the application are suited for his very special purposes. We are, above all, not liable for fields and methods of application which have not been put down by us in writing. Advice for marking regulations and protective measures can be taken from the respective safety data sheet.



Mfg & Market By:

FACTORY ADD : 'J' TYPE SHED, PLOT NO. 2314, PHASE III, G.I.D.C. AREA. VAPI – 396 195 (GUJARAT)

Tele : +91 260 242 1078 Call : +91 93750 34083

E-Mail: trinityrubbervapi@gmail.com Web: www.waterrepellent.in