



Grip StoneTM

ROUGH COAT ON MARBLE, GRANITE FOR BETTER GRIP

Laxmi Structures & Fixtures is a company incorporated by the entrepreneurs, working as civil engineer, building material supplier, building contractor & interior decorator. Now the company is heading towards introducing world class innovative products. The company's prime moto is to bring in new innovative, cost saving and best products which will give **best value for money**.

Grip Stone is a special formulated co-polymer agent. It has a special plasticizer agent added for improving bonding strength of various substrates suitable for all cementitious products.

Reason for Introducing Grip Stone

Looking at the current scenario of construction industry, in market the use of Marble, Granite etc is growing very fast, but while fitting this, for better grip we need to rough the unpolished surface. Today everyone is trying different ways to rough the unpolished surface, sometimes it is successful, and sometimes it fails, resulting in de-bonding of Marble, Granite etc and damage of costly material. Adhesion of Marbles, Granite, Tiles, and stone, to smooth or even rough surfaces is always doubtful. Till today there is no specific product which can be used for roughening the unpolished surface and improve bonding.

In order to address changing trends and issues of de-bonding, we have introduced innovative specially formulated product **Grip-Stone** for the purpose of roughening and improved bonding of the unpolished surface.

Where to use

Grip Stone can be used for interior and exterior purposes. It is a specialized product for roughening the unpolished surfaces of Marble, Granite or any other natural stone / tiles before fitting for better grip.

It can be used on any size of Marble, Granite or any other natural stone / tiles. Once it is applied on Marble, Granite or any other natural stone / tiles, after 24 hours, you can fit it with cement / or suitable product to any Concrete structures, render sand, all cementitious products, to new and old cement plastered surfaces, to ceramic /porcelain tiles, concrete, brick, stone and marble surfaces even Tile over tile, marble over marble, granite over granite...etc.

Product Features

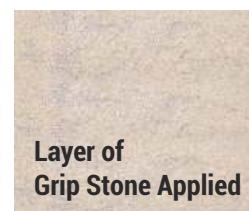
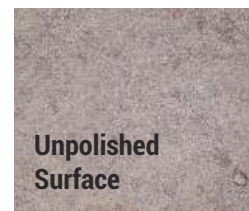
- Ready to apply.
- Contains fine aggregates to impart better mechanical bond. **Grip Stone** is the only bonding agent which imparts both mechanical and chemical bond.
 - a. **Mechanical Bond** – Imparted by the suspended fine aggregates, which are inert, screened on 500-microns sieve, Pure white in color.
 - b. **Chemical Bond**–Imparted by dry polymeric film.

Coverage

- Approximate Coverage would be 05 Sq Mtr. per Kg.,(Single Coat).
- Depends Upon background surface and its suction properties.

Surface Preparation

While fitting of Marble, Granite or any other natural stone / tiles we keep polished surface out and fix unpolished surface with wall. So we have to apply Grip-Stone on unpolished surface for better grip. The unpolished surface must be clean, free of oil, grease, wax, dust, sand, dirt, laitance, paints etc.



Application Instructions

1. Recommended cleaning methods are by high-pressure water jets and (or) soap washing.
2. Open the original packing and stir it properly.
3. Do not dilute with water or solvent.
4. Do not add any admixture
5. **Grip Stone** can be applied with paint roller or paint brush, and it shall be pressed firm against the surface and spread thin and evenly.
6. Apply **Grip Stone** to the cleaned surface evenly, then clean all edges and remove excess material.
7. Thin continuous unbroken film is recommended.
8. Allow **Grip Stone** to dry for Approximately 24 hours of drying time.
9. After drying don't pull the film formed.
10. Can be fitted with cement or suitable product.

Product Data Sheet

Packaging	1 kg, 2kg, 5kg.
Appearance	White
Toxicity	None
Fire hazard	Non-Flammable
Tensile Adhesive strength	1.3 - 1.5 N/mm ² @14 days
Drying time	24 hours
Shelf Life	6 months
Coverage	Approx. 5m ² / kg (Single Coat)
Substance	Water Based Emulsion
Chemical Family	Emulsion Based

Molecular Formula	Mixture
Components	Non Hazardous
% Volatile	N/A
Melting Point	N/A
Solubility in Water	Completely Miscible
Odor	Pleasant
Specific Gravity	1.3
pH	7.0 - 9.0
Toxicity	Non Toxic
Open Time	7 Days

Adhesion Strength (Pull Out strength):

The tensile resistance is tested by help of adhesion test, where we achieve results of 1.3 - 1.5 N/MM² @ 14 days.

Caution

- Wash hands with water after use.
- Keep away from Eye contact, in case of eye contact wash eye thoroughly with water, if irritation persists kindly consult physician.
- If at all spills on clothes, wash them with plain water immediately.

Disclaimer

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. LSF LLP cannot give any guarantees circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, LSF LLP has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection there with.



SCAN FOR
PRODUCT DEMO OR VISIT
<https://youtu.be/r4Zs944m6lk>

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SINGLE COAT
APPLICATION



COARSE & LIQUID
PARTICLE BONDING



24 HOURS
DRYING TIME



SUITABLE - MARBLE,
GRANITE, STONE ADHESION



LARGE
COVERAGE AREA