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Gramafix Adhesive is an innovative, specially formulated co-polymer agent designed to revolutionize bonding on unpolished surfaces of marble, granite, natural stone, and tiles. This unique adhesive contains a special plasticizer that significantly enhances adhesion, providing both a strong mechanical bond and a durable chemical bond, ensuring reliable and lasting installations where traditional methods fall short.



Gramafix Adhesive Advanced Bonding for Natural Stones

The Challenge: In modern construction, the extensive use of marble, granite, and natural stones is rapidly increasing. However, achieving reliable adhesion on their typically unpolished surfaces has always been a significant challenge. Traditional methods of roughening surfaces are often inconsistent, leading to uncertain bonds, debonding issues, and costly material damage. Until now, there has been no specific, dedicated product to roughen unpolished surfaces and ensure superior bonding effectively.

Introducing Gramafix ADHESIVE: To address these critical industry challenges and evolving trends, Gramafix has introduced an innovative, specially formulated product: a unique co-polymer agent.

Gramafix Adhesive contains a special plasticizer that significantly improves bonding strength across various substrates, making it ideal for all cementitious products. It is the only bonding agent that imparts both a strong mechanical and a durable chemical bond.

❖ **Mechanical Bond:** Achieved by fine, inert aggregates that are uniformly suspended within the agent.

❖ **Chemical Bond:** Imparted by a robust, dry polymeric film.

Where to use

Gramafix Adhesive is designed for both interior and exterior applications. It is a specialized product designed to effectively roughen the unpolished surfaces of Marble, Granite, or any other natural stone and tiles, ensuring a significantly better grip before installation. It is suitable for any size of stone or tile.

Once applied, allow 30 minutes for drying (and ideally, install within 72 hours for optimal results). It can then be securely fitted using cement or other suitable products onto:

- ❖ Concrete structures
- ❖ Render sand
- ❖ All cementitious products
- ❖ New and old cement plastered surfaces
- ❖ Ceramic/porcelain tiles (tile over tile)
- ❖ Concrete, brick, stone, and marble surfaces (marble over marble, granite over granite).

Key Product Features

- ❖ Ready to Apply: Eliminates the need for mixing or dilution.
- ❖ Dual Bonding Mechanism: It features suspended fine aggregates that are inert and screened through a 500-micron sieve, resulting in a pure white colour. These fine aggregates impart better mechanical bond. Additionally, its dry polymeric film ensures a strong and lasting chemical bond. Thus, Gramafix Adhesive is perfect for enhanced adhesion.
- ❖ Single Coat Application: Efficient and time-saving.
- ❖ Fast Drying: Approximately 30 minutes for quick progression.
- ❖ Enhanced Adhesion: Specifically formulated for marble, granite, and natural stone adhesion.
- ❖ High Tensile Adhesion Strength: Tested to achieve 1.3-1.5 N/mm² @ 14 days.
- ❖ Non-toxic & Non-flammable: Ensures safety and peace of mind during application.

Coverage

Approximately 05 Square Metres Per Kg. (Single Coat). Actual coverage may vary based on the background surface and its suction properties.

Surface Preparation

When installing marble, granite, or any other natural stone or tile, the unpolished reverse surface is typically bonded to the wall. For optimal adhesion and a superior grip, it is essential to apply Gramafix Adhesive to this unpolished surface. Before application, ensure the surface is meticulously clean, completely free from contaminants such as oil, grease, wax, dust, sand, dirt, laitance, or paints. High-pressure water jetting or thorough soap washing are recommended cleaning methods for effectively preparing the surface.

Application Instructions

1. Clean the Surface: Ensure the unpolished surface is clean and free of oil, grease, wax, dust, sand, dirt, laitance, paint, and other contaminants. High-pressure water jets or soap washing are recommended cleaning methods.
2. Unpack the Adhesive: Open the original packaging and thoroughly stir the product.
3. No Dilution Needed: Do not dilute with water or any solvent, and do not add any admixtures.
4. Apply a Brush or Roller Coat: Apply Gramafix evenly with a paint roller or brush, pressing firmly against the surface to create a thin, continuous, unbroken film. Remove any excess material.
5. Let it Dry: Allow approximately 30 minutes for the material to dry. Do not disturb the formed film after it has dried.
6. Use a suitable tile adhesive: Proceed with fitting using the recommended tile adhesive.

Packaging: 1kg, 5kg pails | **Storage:** Store in a cool, dry place.

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 /MM @ 14 days.

Caution

- ❖ Wash hands with water after use.
 - ❖ Avoid eye contact. In the event of eye contact, wash the affected area thoroughly with water. If irritation persists, consult a physician.
 - ❖ If spills occur on clothes, wash immediately with plain water.
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Product Data Sheet

Packaging	1kg, 5kg.
Appearance	White
Toxicity	None
Fire hazard	Non-Flammable
Tensile Adhesive Strength	1.3 - 1.5 N/mm2 @ 14 Days
Drying time	30-45 Min.
Shelf Life	24 months
Coverage	2 Approx. 5m / 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



Disclaimer

This information is provided in good faith and is accurate to the best of our current knowledge. It is intended solely as a general guideline. VebsConPro LLP offers no guarantees regarding results under specific circumstances, nor does it assume any obligation or liability arising from the use of this information. We strongly recommend that the product be thoroughly tested to confirm its suitability for specific applications. As VebsConPro LLP has no control over the methods or conditions of product usage, the Specifier, Architect, Engineer, Contractor, and Owner are advised to assume full responsibility in connection therewith.

Why Choose Gramafix?

Gramafix offers a comprehensive suite of advanced tiling solutions designed for unparalleled performance and lasting beauty. We provide professional-grade products engineered to meet every project demand. Choose Gramafix for superior adhesion, impeccable finishes, and enduring quality that elevates your spaces.

 SINGLE COAT APPLICATION	 COARSE & LIQUID PARTICLE BONDING	 30 MIN. DRYING TIME	 SUITABLE - MARBLE, GRANITE, STONE ADHESION	 LARGE COVERAGE AREA
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Contact Us Today for Dealership & Project Enquiries!

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