



CORE-PROOFING SOLUTION + GROUT

The Ultimate Bonding and Repair Solution



WE SOLVE THE **CORE** ISSUE OF YOUR
PLUMBING SYSTEMS

About Gramafix

Gramafix by VebsConPro LLP is a trusted name in construction chemicals, offering premium solutions like tile adhesives, waterproofing, ready-mix plaster, and brick mortar. Our products are engineered for strength, durability, and easy application across various construction and repair projects.

The Core-Proofing Advantage

Gramafix Core-Proofing Solution and **Grout** are designed to create strong, leak-proof, and long-lasting bonds for pipe installations and concrete repairs. Together, they offer unmatched performance in both new construction and renovation tasks.



Key Product Features

GRAMAFIX CORE-PROOFING SOLUTION

- ✦ Single-coat application
- ✦ Fast drying (30–45 mins)
- ✦ Strong adhesion on concrete & pipes
- ✦ Safe: non-toxic, non-flammable
- ✦ Available in 250 g, 1 kg, 5 kg

GRAMAFIX CORE-PROOFING GROUT

- ✦ Ideal for anchoring, repairs & sealing
- ✦ Sets within 60 minutes
- ✦ Flexible thickness (2–30 mm)
- ✦ Superior water repellence
- ✦ Available in 1 kg & 20 kg bags

Applications

1. Plumbing – Core Pipe Installation

Ensures leak-proof pipe connections in concrete slabs. Apply the Solution on both surfaces by mixing an adequate quantity of water till it becomes a homogeneous paste. Allow it to dry, then seal it with Grout for a monolithic, water-tight bond.

Prevents Leakage

Strong Adhesion

Fast Application

Important Note:

For best results, always use Gramafix Core-Proofing Grout with Gramafix Core-Proofing Solution. This combination ensures superior, water-repellent bonding with all pipe materials. Unlike generic products that lack adhesion and water resistance, Gramafix delivers a seamless, leak-proof seal, outperforming conventional solutions with consistent, reliable results.

We are the only brand in the market providing specialized, research-driven solutions dedicated to core-proofing applications.

Gramafix Core-Proofing Solution + Grout can be used to install Stainless Steel (SS), Galvanized Iron (GI), Polyvinyl Chloride (PVC), and Cement Pipes in Concrete Slabs.

2. Concealed Wiring or Piping

Avoid cracks and weak spots when embedding wires or pipes. Use Gramafix Solution to prime surfaces, then seal with Grout for a smooth, durable finish.

Strong Sealing

Crack Prevention

Enhanced Water Resistance

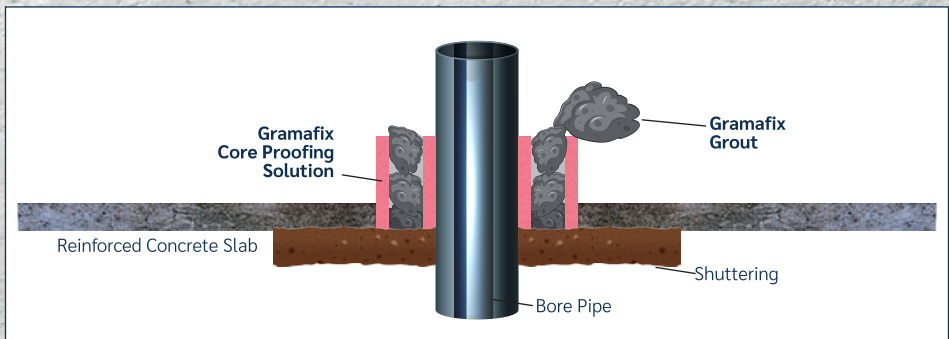
3. Repair of RCC Columns, Slabs & Plaster

Revive damaged structures with a seamless finish. Gramafix Solution enhances bonding while Grout restores strength and durability.

Monolithic Repair

Prevents Further Damage

Natural Stability



Technical Data

(Under Standard Testing Conditions)

Physical Properties

Appearance: Powder	Apparent Volumetric Mass: $\approx 1280 \text{ kg/m}^3$
Aggregate Mineral Content: Silicate-carbonate	Grading: Particle size of Grout: $< 0.7 \text{ mm}$, Particle Size of Solution: $\approx 1.18 \text{ mm}$
Shelf Life:	≈ 24 months in original sealed packaging, protected from humidity
Grout Packaging:	1 kg & 20 kg bags
Solution Packaging:	250 g, 1 kg, and 5 kg packages.
Mixing Water: $\approx 3.8 \text{ L/25 kg bag}$.	Flow of Mixture: 270-290 mm (EN 13395-1)
Density of Mixture: $\approx 2200 \text{ kg/m}^3$	pH of Mixture: ≥ 12.5
Pot Life: ≥ 45 minutes ($+21^\circ\text{C}$)	Setting Time: 60-70 minutes
Application Temperature Range: $+5^\circ\text{C}$ to $+40^\circ\text{C}$	Solution Drying Time: 30 to 45 Minutes (depends on the climate)

Performance Properties (According to EN 1504-7)

Corrosion Protection: No corrosion value exceeded (EN 15183)
Shear Adhesion: $\geq 80\%$ of the value of the uncovered bar (EN 15184)

Performance Properties (According to EN 1504-3, Class R4)

Compressive Strength: $\geq 55 \text{ MPa}$ (28 days)	Flexural Tensile Strength: $\geq 9 \text{ MPa}$ (28 days)
Adhesive Bond: $\geq 2 \text{ MPa}$ (28 days)	Carbonation Resistance: $\leq$ reference concrete MC (0.45)
Modulus of Elasticity: $\geq 20 \text{ GPa}$ (28 days)	Capillary Absorption: $\leq 0.5 \text{ kg/m}^2\text{h}^{0.5}$
Thermal Compatibility: Bond strength $\geq 2 \text{ MPa}$ after 50 freeze-thaw cycles with de-icing salts	
Capillary Absorption: $\leq 0.5 \text{ kg/m}^2\text{h}^{0.5}$	Chloride Ion Content: $\leq 0.05\%$
Reaction to Fire: Euroclass A1	Alkali-Aggregate Reaction: Non-reactive (NR)
Resistance to Severe Chemical Attacks: No deterioration, bond strength $> 2 \text{ MPa}$	
Pull-out Strength of Steel Rebars: $\leq 0.6 \text{ mm}$ movement at 75 kN load	

Why Choose Gramafix?

Unlike generic products, Gramafix is formulated explicitly for core-proofing, offering superior adhesion, water resistance, and performance across SS, GI, PVC, and cement pipes. Our research-driven formula ensures long-term reliability and is the only specialized solution in the market designed for core-proofing.

Manufactured & Marketed By:
VebSConPro LLP.

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