

Viacrete Epoxy Grout 2K

PRODUCT DESCRIPTION:

Viacrete Epoxy Grout 2K is a premium, solvent-free, two-component epoxy grout engineered for demanding industrial flooring and equipment foundation applications. It delivers exceptional mechanical strength, impact resistance, and chemical durability. This non-shrink, heavy-duty grout is ideal for high-stress environments exposed to heavy machinery, vibration, and corrosive substances.

Technical Details

Property	Value
Components	1. Part A Coloured Paste 2. Part B pale yellow liquid
Mixing Ratio (A:B)	Mixing Ratio 93:7
Part A Density	1575 kg/M3
Part B Density	1023 kg/M3
Mix Density	1655 kg/M3
Pot life	75 min
Joint width	2-12 mm
Sag resistant	No Sag
VOC	2.4 gm/kg
Available shade	12

KEY FEATURES & BENEFITS

- ✔ High compressive and tensile strength for structural reliability
- ✔ Excellent resistance to chemicals, oils, and solvents
- ✔ Non-shrink formulation ensures dimensional stability under load
- ✔ Strong adhesion to both concrete and steel surfaces
- ✔ Solvent-free and low-odor for safe use in confined spaces
- ✔ Withstands heavy vibration, impact, and dynamic loads

SUITABLE FOR

- ✔ Grouting under machinery base plates, pumps, and heavy equipment
- ✔ Anchoring bolts, dowels, and inserts in concrete
- ✔ Repairing damaged concrete floors in industrial zones
- ✔ Environments such as factories, chemical plants, workshops, and marine settings

Installation Instructions

1. SURFACE PREPARATION

- ✔ Ensure the substrate is clean, sound, and free of contaminants like oil, grease, dust, or laitance.
- ✔ Mechanically roughen smooth surfaces to improve grip.
- ✔ Use Viacrete primer if recommended for specific conditions.

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Installation Instructions

2. MIXING INSTRUCTIONS

- ✔ Stir Part A (resin) thoroughly before use.
- ✔ Add Part B (hardener) and mix using a low-speed drill mixer for 2–3 minutes.
- ✔ Mix until a uniform, streak-free consistency is achieved.
- ✔ Do not dilute with solvents or water.

3. APPLICATION

- ✔ Pour grout immediately into the prepared area.
- ✔ Spread and compact using a steel spatula or trowel.
- ✔ Work swiftly within the pot life.
- ✔ Clean all tools with appropriate solvent before the material sets.

4. GROUTING

- ✔ Allow the grout to fully cure before subjecting it to operational or mechanical stress.
- ✔ For heavy machinery or structural grouting, pour in a continuous manner to eliminate air entrapment.
- ✔ Protect the freshly grouted area from vibration, moisture, or physical disturbance until cured.

PACKAGING

- ✔ Supplied in sealed, pre-measured kits of 3 kg, 6 kg, and 10 kg.
- ✔ Each kit includes Part A (resin) and Part B (hardener) in correct proportions.

SHELF LIFE

- ✔ 12 months from date of manufacture when stored in original, sealed packaging.
- ✔ Store in a cool, dry, and ventilated area, away from direct sunlight and moisture.

LIMITATIONS

- ✔ Not recommended for application on wet or uncured substrates.
- ✔ Do not use in areas with constant or extreme thermal movement unless approved.
- ✔ Avoid mixing partial kits or modifying the components.
- ✔ Not suitable for use in flexible joints or structural movement areas.

IMPORTANT NOTES

- ✔ Mix full units to maintain correct ratio and ensure optimum performance.
- ✔ Do not re-temper or add solvents to the product.
- ✔ Conduct a compatibility or stain test on decorative or sensitive surfaces.
- ✔ Clean tools and equipment promptly after use with appropriate cleaning agents.

SAFETY PRECAUTIONS

- ✔ Always wear appropriate PPE including gloves, goggles, and protective clothing
- ✔ Work in a well-ventilated area
- ✔ Avoid direct contact with skin or eyes
- ✔ In case of contact, rinse with water and seek medical attention if necessary
- ✔ Refer to the Safety Data Sheet (SDS) for full handling and disposal instructions