

VIACRETE GROUT ADMIX

PRODUCT DESCRIPTION:

Viacrete Grout Admix is a high-performance polymer-based liquid additive designed to enhance the strength, flexibility, and durability of tile grout. When mixed with cementitious grout, it improves bonding, reduces shrinkage, and increases resistance to water, stains, and abrasion. It works similarly to industry-standard grout additives that improve grout performance for both wet and dry conditions.

Technical Details

Parameter	Specification
Appearance	Milky White Liquid
pH Value	8 – 10
Specific Gravity	~1.02 – 1.05
Dosage	200–400 ml per 1 kg grout
Pot Life	~60 minutes
Joint Width	1 – 6 mm
Application Temperature	+10°C to +35°C
VOC Content	< 15 g/L
Shelf Life	24 months

KEY FEATURES & BENEFITS

- ✓ Improves grout strength and durability
- ✓ Enhances flexibility and crack resistance
- ✓ Reduces shrinkage and joint cracking
- ✓ Increases water and stain resistance
- ✓ Improves adhesion in tile joints
- ✓ Suitable for interior and exterior use
- ✓ Easy to mix and apply

RECOMMENDED USES

- ✓ Joint filling for: Ceramic tiles, Vitrified tiles, Porcelain tiles, Glass mosaic tiles, Natural stones
- ✓ Ideal for: Bathrooms & kitchens, Wet areas, Floor & wall joints, Residential & commercial spaces

APPLICATION METHOD

SURFACE PREPARATION

- ✓ Surface must be clean, dry, and free from dust
- ✓ Ensure tile adhesive is fully set (minimum 24 hours)
- ✓ Remove spacers and clean joints before application

MIXING

- ✓ Take required quantity of Viacrete Grout Admix
- ✓ Add cementitious grout powder
- ✓ Mix thoroughly to achieve smooth, lump-free paste
- ✓ Allow mix to rest for 2–5 minutes and remix

APPLICATION

- ✓ Apply grout using rubber float
- ✓ Press firmly into joints
- ✓ Fill joints completely
- ✓ Complete application within pot life (~60 minutes)

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PERFORMANCE PROPERTIES

Property	Value
Compressive Strength (28 days)	$\geq 15-20 \text{ N/mm}^2$
Flexural Strength (28 days)	$\geq 5-7 \text{ N/mm}^2$
Water Absorption	$< 1 \text{ gm}$
Shrinkage	$\leq 3 \text{ mm/m}$
Initial Traffic	72 hours
Full Cure	28 days

CLEANING

- ✓ Remove excess grout within 45–60 minutes
- ✓ Clean using damp sponge
- ✓ Final cleaning with clean water

PRECAUTIONS

- ✓ Avoid contact with eyes and skin
 - ✓ Use gloves and protective gear
 - ✓ Wash hands after use
- Keep out of reach of children

LIMITATIONS

- ✓ Slight color variation may occur after mixing
- ✓ Pre-test on highly porous tiles/stones
- ✓ Do not use on wet joints

PACKAGING

- ✓ Available in 400 ml Bottle & Custom sizes available on request

STORAGE & SHELF LIFE

- ✓ Store in cool, dry place
- ✓ Keep container tightly closed
- ✓ Shelf life: 24 months

HEALTH & SAFETY

- ✓ Use protective gloves and eyewear
- ✓ In case of contact with eyes, rinse immediately with water
- ✓ If swallowed, seek medical advice immediately

DISCLAIMER

The information provided is based on laboratory testing and practical experience. Actual performance may vary depending on site conditions and application methods. Users are advised to conduct trials before full application.