

# Pear G Tile Adhesive – Type 2

## TECHNICAL DATASHEET

### PRODUCT DESCRIPTION:

Viacrete Pear G Tile Adhesive (Type 2) is a high-performance, polymer-enriched grey cement-based adhesive specially formulated for fixing vitrified tiles, marbles, granite, and engineered stones on interior and exterior walls and floors. It offers high strength, superior flexibility, and extended open time for large format and heavy tiles. Pear G ensures durable adhesion on a variety of substrates, making it suitable for residential, commercial, and industrial applications.

### Technical Details

Parameter	Result
Colour	Grey
Mixing Ratio (Powder:Water)	3:1
Bulk Density	1.45 – 1.55 gm/cc
Mixed Density	1.65 – 1.75 gm/cc
Pot Life	> 3 Hours
Open Time	30 – 40 Minutes
Adjustability	~30 Minutes
Final Setting Time	24 Hours
Max. Bed Thickness	15 mm
Time to Light Foot Traffic	24 Hours
Ready for Grouting	24 Hours
Full Cure	14 Days

### KEY FEATURES & BENEFITS

- ✔ High bond strength suitable for heavy and large format tiles
- ✔ Extended open time allows for easy adjustments during installation
- ✔ Excellent water and slip resistance
- ✔ Suitable for vertical and horizontal applications
- ✔ Easy mixing and smooth trowel application
- ✔ Applicable for both interior and exterior surfaces

### SUITABLE FOR

#### TILE & STONE TYPES

- ✔ Vitrified and ceramic tiles
- ✔ Marble, granite, and natural stones
- ✔ Composite and engineered stones
- ✔ Porcelain and heavy tiles

#### AREAS OF USE

- ✔ Interior and exterior floors and walls
- ✔ Residential, commercial, and industrial buildings
- ✔ Wet areas such as bathrooms and kitchens
- ✔ Façades, balconies, corridors, and high-traffic zones

#### COMPATIBLE SUBSTRATES

- ✔ Cement-based screeds and plaster
- ✔ Concrete surfaces
- ✔ Brick and block masonry
- ✔ Cement boards and fibre cement sheets
- ✔ Existing tiles (after surface preparation)

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## Installation Instructions

### 1. SURFACE PREPARATION

- ✔ Ensure the surface is structurally sound, clean, dry, and free from contaminants.
- ✔ Pre-wet highly absorbent surfaces before application.

### 2. MIXING INSTRUCTIONS

- ✔ Add 6–7 litres of potable water for every 20 kg bag of adhesive.
- ✔ Slowly mix powder into water using a low-speed mechanical mixer (<500 rpm).
- ✔ Mix for 3–5 minutes until a uniform, lump-free paste is achieved.
- ✔ Let the mix stand for 5 minutes and remix before use.

### 3. APPLICATION

- ✔ Apply with the flat side of a notched trowel, then comb with the notched edge.
- ✔ Back-butter large tiles or stones for improved adhesion.
- ✔ Press tiles firmly and adjust within open time.
- ✔ Use spacers to maintain consistent joint gaps.

### 4. GROUTING

Start grouting 24 hours after tile installation using Viacrete-approved grouts.

### 5. CLEANING

Remove excess adhesive from tools and tile surfaces with a damp sponge before it sets.

### COVERAGE

Approximately 55–60 sq. ft. per 20 kg bag at 3 mm bed thickness (using a 6mm x 6mm notched trowel). Coverage may vary depending on tile size and substrate conditions.

### SHELF LIFE

12 months from the date of manufacture when stored in original sealed packaging in a dry, cool place.

### LIMITATIONS

Viacrete Pear G Tile Adhesive is not a substitute for waterproofing. Where waterproofing is required, use Viacrete Waterproof Solutions. Not suitable for installing glass tiles, over metal substrates, or on deformable or vibrating surfaces. Avoid applying on damp or uncured surfaces.

### IMPORTANT NOTES

- ✔ Always add powder to water, not vice versa
- ✔ Do not add extra cement or sand
- ✔ Do not exceed recommended bed thickness of 15 mm
- ✔ Not intended for correcting surface level >15 mm
- ✔ Protect from rain or foot traffic for 24 hours after installation
- ✔ Use mechanical fixing for heavy tiles installed above 3 meters height

### SAFETY PRECAUTIONS

- ✔ Wear protective gloves, clothing, and goggles during application
- ✔ Avoid contact with eyes and skin; rinse with water if contact occurs
- ✔ Keep out of reach of children