

# Viacrete SpotBonding

## Quick & Strong Spot Bonding Adhesive

### PRODUCT OVERVIEW

Viacrete SpotBonding is a two-component, epoxy-based, high-performance adhesive specially developed for spot bonding applications. It is designed to fix all types of tiles, stones (natural and engineered), composites, and even metal tiles on both vertical and overhead surfaces, internally and externally. Also ideal for thin bed floor applications, delivering speed, strength, and versatility.

### Key Features

- ✔ Two-component system – easy to mix and apply
- ✔ Quick setting time: 15–30 minutes
- ✔ Economical solution with spot bonding (less material use)
- ✔ Strong and permanent bond with a wide range of substrates including metals, drywall, wood derivatives, and more
- ✔ Non-sag consistency for hassle-free vertical installation
- ✔ High resistance to chemicals, alkalis, oils, and solvents
- ✔ Ideal for internal and approved external applications
- ✔ Fast installation and high productivity

### AREAS OF APPLICATION

#### MATERIAL TO FIX:

- ✔ Natural stones, engineered stones, composite stones
- ✔ Marble, granite, vitrified tiles, mosaics, large format tiles
- ✔ Metal tiles, precast terrazzo, and more

#### SUBSTRATES:

- ✔ Cement-based surfaces (plaster, screeds, concrete)
- ✔ Metal surfaces (iron, steel, copper, aluminium)
- ✔ Drywall boards (gypsum, cement boards)
- ✔ Plywood and wood derivatives
- ✔ Existing tiles, stones, epoxy/PU coatings, rubber, PVC

#### TYPICAL APPLICATION AREAS:

- ✔ Floors, walls, and ceilings (interior and approved exterior use)
- ✔ Windows, doors, and areas requiring fast work
- ✔ Residential, commercial, and industrial projects

### TECHNICAL DATA

Property	Value
Part A Appearance	Off-white paste
Part B Appearance	Yellowish paste
Mixing Ratio	100:50 by weight (Part A:Part B)
Mixed Material Appearance	Ivory/Yellowish paste
Mixed Density	1.5 ± 0.05 kg/L
Open Time	Approx. 10 minutes
Setting Time	Approx. 30 minutes
Pot Life (@27°C ±1°C)	Approx. 10 minutes (50g mix)
Trafficable / Handling Time	3 hours
Full Cure Time	3 days
Application Temperature	10°C to 40°C
Pull-Off Adhesion after 3 hrs	≥ 2.0 N/mm <sup>2</sup>
Pull-Off Adhesion after 24 hrs	≥ 3.0 N/mm <sup>2</sup>



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### Limitations

- ✔ Not recommended for spot bonding on floors or heavy impact areas, use thin-bed adhesive instead.
- ✔ Not suitable for transparent glass materials.
- ✔ For high vibration areas, consult Viacrete technical team.
- ✔ Always check compatibility and perform a sample test for light-colored stones and mosaics.

### Coverage

- ✔ Spot Bonding: Covers approx. 100 sq.ft. per 1.5 kg pack at 3 mm dab thickness.
- ✔ Thin Bed Application: Covers approx. 7–8 sq.ft. per 1.5 kg pack with a 1.5 mm bed thickness.

*(Coverage may vary based on tile size, adhesive thickness, and surface conditions.)*

### Packaging

Available in 1.5 kg pack (Pre-measured Part A + Part B).

### SAFETY PRECAUTIONS

- ✔ Keep out of reach of children.
- ✔ Wear appropriate protective clothing, gloves, and eye protection during use.
- ✔ In case of contact with eyes or skin, wash immediately with plenty of water and seek medical attention.
- ✔ Refer to the product's Safety Data Sheet (SDS) for complete handling and safety instructions.

### APPLICATION GUIDELINES

#### SPOT BONDING:

- ✔ Apply small dabs (minimum 5 per sq.ft. – 4 at corners, 1 at center) covering at least 10% of the tile/stone backside.
- ✔ Each dab should be at least 3 mm thick.
- ✔ Adjust tiles/stones immediately after application; use clamps if necessary, and remove after 5–6 hours.

#### THIN BED APPLICATION:

- ✔ Apply adhesive using the flat side of the trowel; comb adhesive with the notched side.
- ✔ Press tiles firmly, using a slight twisting action to achieve full contact.
- ✔ Clean excess adhesive immediately while still fresh.

### Shelf Life

12 months from the manufacturing date when stored in original sealed packs under cover, protected from moisture, direct sunlight, and extreme temperatures.

### Disclaimer

While Viacrete ensures the quality of SpotBonding, the application and usage conditions are beyond our control. Users are advised to verify the product's suitability for their specific requirements. Always refer to the latest version of the Technical Data Sheet available from our website [www.viaductdrymix.com](http://www.viaductdrymix.com) for the most updated information.