



GUGAFIX G1 ***Grey Adhesive*** ***for Interior Floor and Wall Tile***

FEATURES / BENEFITS

- Single component, just add water
- Interior applications, polymer based
- Economical & Easy to use
- Bonds to various substrates
- Exceeds ANSI A118.1T shear bond strength requirements
- Complies with EN / ISO with a C1T classification.
- Exceeds IS 15477:2019 – Type 1T Adhesive standards.

APPLICATION

Designed especially for dry areas of interior floor and interior wall installations of all types of ceramic tile and small format natural stones over concrete and on a variety of cement-based substrates. Can be used up to maximum 12mm bed thickness.



Polymer based adhesive for fixing ceramic tiles and small format natural stone on dry areas of interior floor & interior wall up to a height of 3 Mtrs

SUBSTRATES

- Concrete
- Concrete Masonry
- Cement Mortar Beds
- Cement Plaster
- Ceramic Tile*
- Brick Masonry
- Cement Terrazzo
- Existing Natural Stone*

* Surface to be cleaned and roughened before installation of tiles or stones.

Data		
Property : Test method	Requirement	Typical Values
Open Time (20 Minutes at 28 days): ANSI A118.1 Clause – 5.3	≥75 psi (0.50 Mpa)	95 psi – 100 psi (0.65 – 0.69 Mpa)
Sag: ANSI A118.1- Clause 6.0	≤0.02 Inches (0.50 mm)	0.016 – 0.018 Inches (0.40-0.45 mm)
Glazed wall tile Shear Strength		
7 Days: ANSI A118.1 – Clause 7.1.2	>200psi (1.38Mpa)	200-225 psi (1.38 Mpa-1.55 Mpa)
7 Days Water immersion: ANSI A118.1- Clause 7.1.3)	>150psi (1.03Mpa)	150-175 psi (1.03 Mpa-1.20 Mpa)
Porcelain Mosaic Tile Shear Strength		
1 Day: ANSI A118.1 – Clause 7.2.2	>50psi (0.34Mpa)	50 -75 psi (0.34 Mpa-0.51 Mpa)
7 Days: ANSI A118.1 – Clause 7.2.3	>150psi (1.03Mpa)	150-175 psi (1.03 Mpa-1.20 Mpa)
7 Days Water immersion: ANSI A118.1 – Clause 7.2.4	>100psi (0.69Mpa)	125-150 psi (0.86 Mpa-1.03 Mpa)
28 Days: ANSI A118.1 – Clause 7.2.5	>150psi (1.03Mpa)	150-175 psi (1.03 Mpa-1.20 Mpa)
12 Weeks: ANSI A118.1 – Clause 7.2.6	>150psi (1.03Mpa)	150-175 psi (1.03 Mpa-1.20 Mpa)

The adhesive mortar conforms to IS 15477:2019. T1

EN / ISO Data		
Property: Test Method	Requirement	Typical Values
Open Time: EN 1346	≥0.50 N/mm ²	0.65 – 0.69 N/mm ²
Slip Resistance: EN 1308	≤0.50 mm	0.40-0.45 mm
Tensile Adhesion Strength		
Initial: EN 1348 – Clause 8.2	≥0.50 N/mm ²	0.50 – 0.60 N/mm ²
After Water Immersion : EN 1348 - Clause 8.3	≥0.50 N/mm ²	0.50 – 0.60 N/mm ²
Heat Ageing: EN 1348 – Clause 8.4	≥0.50 N/mm ²	0.50 – 0.60 N/mm ²
Freeze- Thaw: EN 1348 – Clause 8.5	≥0.50	0.50 – 0.60 N/mm ²
	N/mm ²	

The adhesive mortar conforms to IS 15477:2019 as T1

PERFORMANCE PROPERTIES
GUGAFIX G1 Adhesive mixed with Water
Applicable Standards: IS 15477:2019

IS Data		
Property : Test method	Requirement	Typical Values
Tensile Adhesion		
Dry Condition – Annex A (Clause 5.1)	Minimum 0.50 N/mm ²	0.60-0.70 N/mm ²
Shear Adhesion		
Dry Condition – Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.10-1.20 N/mm ²
Slip Resistance		
Slip Resistance – Annex E (Clause 5.5)	≤0.50 mm	0.25-0.35 mm

The Adhesive mortar conforms to IS 15477: 2019 – Type T-1 Adhesive

Packaging:
20 kg bag

Color:
Grey

Coverage:
Approx. 55-60 sq. ft. per 20 Kg pack, using 1/4 x 1/4 (6mm x 6mm) square notched trowel for a bed of 3mm.

Coverage will vary depending on trowel notch size, type and size of tile and substrate smoothness and evenness.

Working Properties at 70° F (21° C)

GUGAFIX G1 Grey Adhesive mixed with Water

Pot Life	2 - 3 Hours
Time to Heavy Traffic	16 - 24 hours

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

INSTALLATION

Surface Preparation:

All surfaces should be between 40° F(4°C) and 104° F(40°C) and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds.

Check the surface to be true to plumb. All slabs must be plumb and true to within ¼" (6mm) in 10 ft. (3m). Rough or uneven concrete surfaces should be made smooth to get a better finish.

Dry, dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. New concrete slabs shall be damp cured and 28 days old before application.

Mixing:

Place clean, potable water into a clean mixing bowl. Add GUGAFIX G1 powder into the mixing bowl. Use approximately 5.5 - 6L of water for 20 kg of powder. Mix by hand or with a slow speed mixer to a smooth, trowel able consistency. Allow adhesive to slake for 5 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel.

* Contact **Propack Corporation** technical services for large format tile or stone installations on exterior surfaces.

APPLICATION

Apply adhesive to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional adhesive with the notched side. Use the proper sized notched trowel to ensure full bedding of the tile. Spread as much adhesive as can be covered with tile in 10 minutes. Back butter large format tiles (> 12"x12") to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile. Use of GUGAFIX spacer is recommended to provide grout joints between tiles / stones. The joint width shall be as per the recommendation of architect / engineer. Remove the spacers when the adhesive is set firm.

If adhesive is skinned over (not sticky), remove and replace with fresh adhesive.

Grouting:

GUGAFIX Grout installation shall be commenced after a minimum of 24 hours curing time at 70°F (21° C

CUSTOMER CARE

PROPACK CORPORATION

264, Udyog Vihar, Phase-6, Sector-37,
Gurugram-122004, Haryana, India.

Tel: +91- 9871009115

Customer Care: care@propackcorp.in

Website: www.propackcorp.in