

SPECIFICATIONS

FP ESR-Fix-500 general-purpose tile glue is a cementitious adhesive supplied as a dry powder in pre-weighed bags ready to use on-site. It requires only water to produce ready-to-use glue. It is best for fixing ceramic and terrazzo tiles applied in high thickness, depending upon the type and quality of tiles.

APPLICATION

- For ceramic tiles.
- For terrazzo tiles.
- Vertical wall tiling (indoor or outdoor).
- Suitable for dry & wet conditions.
- Is ideal for vertical tiling applications, ensuring tiles do not sag or slip.

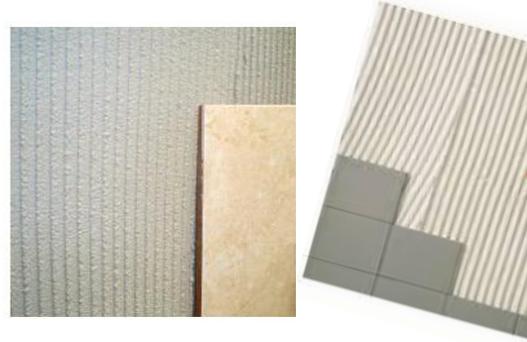
ADVANTAGES

- Extended open time.
- Cementitious adhesive with slip resistance..
- Works well in similar wet areas, with faster readiness for grouting.
- Superior workability with Standard open time
- Non-slip, can be used for floors with
- High Bond strength.
- Suitable for internal applications.
- Suitable for horizontal & vertical surfaces.

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FP ESR-Fix-500 Compliance with BS EN 12004:2001, **Type C2TE** means the adhesive has passed the minimum pass-level tests mandatory for that adhesive type.

CATEGORY	TYPICAL VALUES
Appearance	White & Grey Powder
Application Thickness	3 to 10 mm
Mixed Density	1.50 Kg/l ± 0.1 Kg/l
Open Time	~10-20 minutes
Compressive Strength	≥ 7.5 MPa @ 28 days
Flexural Strength	≥ 2.5 MPa @ 28 days
Tensile Adhesion (Bond Strength)	≥ 1.0 MPa @ 28 days



USAGE INSTRUCTIONS

Substrate Preparation

The surface should be sound, clean, and free from loose material, grease, oil, dirt, curing compounds, etc.

Wet all surfaces (except gypsum board) with clean water before using Tile Glue. The surface should appear damp, with no water pooling.

Mixing

To prepare the **FP ESR-Fix-500** adhesive, add 3-4 liters of water to a container for each 20 kg product bag. Gradually add the powder to the water, mixing with a low-speed electric drill equipped with a suitable paddle for 3-4 minutes until a smooth, lump-free consistency is reached.

Allow the mixture to rest for approximately 10 minutes, then briefly remix without adding additional water.

Manual blending is also possible for small quantities but maintains the correct powder-to-water ratio. If the mixed mortar begins to harden, refrain from adding more water to the mixture.

PRECAUTIONS

Freshly mixed tile glue may cause minor skin irritations. Avoid direct contact with skin and eyes and if contacted, wash exposed areas promptly with water. Refer to the applicable MSDS before use which may be obtained by contacting the sales office.

PACKAGING AND STORAGE

FP ESR-Fix-500 is supplied in 20 kg bags. Store unopened bags in clean, cool, and dry areas protected from direct sunlight. Original unopened bags may be stored for up to 12 months.