F.i ADMIX + liquid polymer admixture is designed to enhance the performance of cement-based tile adhesives, mortars, grouts, renders, and levelling compounds.
When used in place of water, this additive improves flexibility, adhesion, strength, and water resistance of cementitious systems. It is suitable for internal and external applications where improved durability and performance is required.

FEATURES & BENEFITS

- Improves adhesion and bond strength
- Increases compressive and shear strength
- Enhances flexibility and accommodates minor substrate movement
- Improves water resistance for wet and external areas
- Suitable for interior and exterior applications
- Compatible with a wide range of cement-based products
- Provides improved durability under thermal and mechanical stress
- Suitable for demanding service conditions (e.g. heavy-duty installations)
- No minimum cure time for Concrete substrates once initial set has taken place

TYPICAL USES

- Tile adhesive modification
- Cement screeds, Cement Slurry's and Mortar beds
- Renders and Patching mortars
- Levelling compounds
- Installation of ceramic tiles, porcelain, natural stone, and brick
- Applications subject to light movement, vibration, or thermal change
- Wet areas and external installations

SUITABLE SUBSTRATES

- Concrete
- Cement screeds and renders
- Brick and masonry
- Cement backer boards
- Fibre cement sheeting
- Existing tiles (prepared)
- Gypsum board (internal, dry areas only)

Substrates must be structurally sound, clean, and free of contaminants.

LIMITATIONS

- Not suitable for use over dimensionally unstable substrates
- Not a substitute for a waterproofing membrane
- For areas subject to rising damp or negative hydrostatic pressure, prepare with F.i. Vapour Barrier
- Not suitable over contaminated, weak, or unsound substrates
- Environmental conditions (temperature, humidity) will affect performance
- Do not dilute
- Not for covering or bridging over cold, construction, control or expansion joints
- Not to be applied below 8°C or above 35°C
- Protect from rain and moisture during curing
- Contact Fliese Imports for Technical Service

TECHNICAL PERFORMANCE

Property	Typical Performance
Compressive Strength	~17–34 MPa
Shear Bond Strength	≥ 1.0–3.4 MPa
Water Absorption	< 5%
Flexibility	High
Water Resistance	Improved
Service Rating	Suitable for heavy-duty applications

Performance will vary depending on the cement-based product used and site conditions.

INSTALLATION INSTRUCTIONS

Surface Preparation

Substrates must be structurally sound, solid, clean and free from dirt, dust, oils, laitance and any release or curing agents. Ambient and surface temperatures must be between 8°C and 35°C.
Concrete substrates need to cure for a minimum 28 days and 7 days for cementitious screeds and renders. Substrates should have a moisture content of less than 10%. Mechanically prepare smooth concrete if necessary.
Note: Porous substrates may require dampening prior to application.

Mixing & Application

-Tile Adhesives

Use 1.1 litres of Admix + in place of 1 litre of water.
Note: Open time and pot life of adhesive may be reduced and can delay initial setting times.

-Cement Slurries for Screeds and Bedding Mortars:

Prepare 10 litres of **Fi ADMIX +** with 20kg of General Purpose Cement**.** Mix for 2 minutes and until cement has completely dispersed. Broom slurry mix into substrate for an approximate thickness of 1mm to 2mm. While slurry is wet apply Screed or Bedding mortars.

-Screeds

For pre-blended bagged sand and cement, mix with approximately 2-2.2 litres of **Fi ADMIX +** per 20kg bag. For site blend mixes by volume mix **1 Part Fi Admix +** : 1 Part GP Cement : 3-4 Parts Sand. Apply screed to fresh wet cement slurry. Compact and level to required thickness

-Renders & Repairs

For pre-blended bagged sand and cement mix with approximately 2.5-3 litres of **Fi ADMIX +** per 20kg bag. For site blend mixes by volume mix **1.5 Parts Fi Admix +** : 1 Part GP Cement : 3-5 Parts Sand. Apply render to dampened substrate. Rule and float to required thickness and finish.
Note: for thicknesses over 20mm, render mix should be applied in scratch coats of up to 20mm, allowing approximately 24 hours to cure between each coat.

Working Times (Typical)

- Pot life: 1–5 hours
- Open time: up to 1 hour
- Light traffic: 12–24 hours
- Full cure: 7-28 days

Drying & Curing

Allow approximately 24 hours before further work. Longer curing required in cold, humid, or dense conditions. Protect from extreme temperatures and weather.

Clean Up

Clean tools with water while material is fresh. Hardened material must be removed mechanically

PACKAGING & STORAGE

Available in 5 litre Jugs and 15 litre pails. Store in original unopened containers. Protect from heat and frost. Typical shelf life up to 12 months under suitable conditions.

HEALTH & SAFETY

- Use gloves and eye protection
- Avoid skin and eye contact
- Keep out of reach of children

WARRANTY

Consult Fliese Imports for latest warranty information.

Notes

This document provides general guidance only. Always verify suitability for the intended application and comply with relevant local standards and project specifications.