



Globally Proven
Construction Solutions

SUPERSET

SUPERSET is a macromolecule-based polymer concentrate to be mixed with water and used with cement for installing ceramic tile, vitrified tile and natural stone using the traditional cement slurry method of installation. It is very economical and works as a great enhancer for cement slurry bonding with tiles and stones removing the need for water curing.



ADVANTAGES

- C-2-SA - Turns your **Cement To Slurry Adhesive**
- For enhancing cement - Double the strength of cement
- Easy to use – Paste form easily dispersible in water
- Polymer based – High adhesion
- Better performance – more open time
- Highly economical

MANUFACTURER

LATICRETE Middle East LLC.
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USES

Can be used for interior and exterior applications on floors over concrete and mortar beds

STANDARDS / APPROVALS



This product has been certified for Low Emitting Materials by Dubai Central Laboratory Department (DCLD) of Dubai Municipality.
No.CL20020733: 2017 Al Sa'fat Dubai Green Building Evaluation System.

Packaging / Color

500 ML Bottle / 10 Bottle in 1 carton
72 carton per pallet.

Color: White

Suitable Substrates,

Traditional Wet on Wet system - Cement Mortar Beds

Approximate Coverage

50 Kg bag of Cement will approx. cover 15-17m² for 4 mm thickness

Coverage will vary depending on thickness of leveling bed and the mix proportion used to make the leveling bed.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year*** if stored off the ground in a dry area.

**** High humidity will reduce the shelf life of bagged product.*

Limitations

Adhesives/mastics, mortars and grouts for ceramic tile, paver brick and stone are not designed as replacements for waterproof membranes. When a waterproof membrane is required, use a 9237 Waterproofing membrane/ Hydro Ban® Waterproofing membrane.

Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes.

Cautions

- Consult MSDS for more information.
- Do not take internally. Splashes on skin and eyes should be washed with clean water immediately.
- Protect finished work from traffic or damage by other trades for an extended period of time during cold weather conditions. At room temperature conditions 70°F (20°C), protect overnight.
- Keep out of reach of children.

NOTE: It is always recommended to make the traditional leveling bed first, let it cure as per standards and then, use a suitable thin set adhesive for installation of tile or stone. This gives the best results compared to traditional system of tiling.

Cold Weather Note: The setting of Portland cement slurries and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather. Do not set tile when surface temperature is below freezing or when substrate is frozen.

Hot Weather Note: The evaporation of moisture in Portland cement slurries and grouts is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread adhesive and finished work when installing in temperatures over 35°C.

TECHNICAL DATA

SUPERSET mixed with water and used with cement as slurry

C-2-SA Proportion (Cement: Water: Superset)

Cement	Water (approx.)	Superset
50 Kg.	19.5 Ltr.	500 MI.

Performance Properties

Parameter	Traditional slurry method	Superset slurry method
Water segregation	Yes	No
Water curing	Required	Not required
Workability	Low	High
Tensile Adhesion strength / Bond Strength@ 28 Days	0.2 – 0.5 MPa	0.60 -0.80 MPa
Compressive Strength @ 28 Days	10 -12 MPa	25 - 40 MPa
Flexural Strength @28 Days	0.30 To 0.50 MPa	0.50 – 2 MPa
Laitance (Bond breaker to tile)	Yes	No
Cohesive Nature	Low	High
Plastic / drying shrinkage cracks	Highly possible	Least possible

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 4°C and 32°C and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds. 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. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI Specification AN-3.8 "Requirements for Expansion Joints" or TCA Detail EJ171 "Expansion Joints". Do not cover expansion joints with leveling bed mortar, tile or stone.

Mixing

Place clean, potable water into a clean pail. Add Superset, and mix thoroughly. Wait for 5 to 10 minutes before mixing this Superset slurry to cement or cement sand mortar.

SUPERSET SLURRY: Mix 500ml of Superset with 19.5 Liters of water. Add this Superset Slurry to Cement and mix by hand or with a slow speed mixer to a smooth, workable consistency. Adjust consistency if necessary. Remix and apply with tools over the leveling bed.

Installation of Tile or Stone over the Leveling Bed:

Apply Superset Slurry to the substrate with the flat side of the trowel, pressing firmly to work into surface.

Spread as much superset slurry as can be covered with tile in 10 minutes. Back butter large tiles (> 12"x12") with Superset Slurry to provide full bedding and firm support. Place tiles into wet, sticky Superset slurry base and beat in using a beating block and rubber mallet to imbed tile and adjust level.

Grouting

Grout installation after a minimum of 24 hours curing time at 21°C. Grout with LATICRETE® Sanded or Unsanded Grout mixed with LATICRETE 1776 Grout Admix Plus. For maximum stain resistance use SP-100 Grout or SPECTRALOCK® Pro Grout or STELLAR™ Grout.

Cleaning

Clean tools and tile work with water.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide.

For distributor information,

please contact us by email at: enquiry@laticrete.me or, visit www.laticrete.me

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of one (1) year. The product subject to the terms and conditions stated in the LATICRETE® Product Warranty. Please consult our technical support for further information.

TECHNICAL SERVICES

Technical assistance

For information contact us by email at: enquiry@laticrete.me

Technical and safety literature

To obtain technical and safety literature, please visit our website at: www.laticrete.me

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

† United States Invention Patent No.: 6881768 (and other Patents)