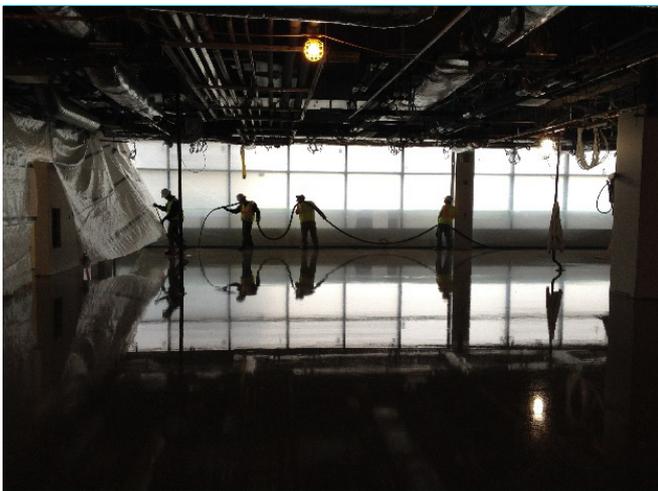




SUPERCAP[®]
Perfectly Flat Floors. Delivered.[™]

LATICRETE[®] SUPERCAP[®] SC500

LATICRETE[®] SUPERCAP[®] SC500 is a pumpable and pourable, low alkali cement-based, premium self-leveling underlayment based on a proprietary mineral binder system that is used to finish interior concrete and level uneven floor surfaces. Apply it over concrete and other types of sound flooring before installing wood, resilient, cork, sports flooring, ceramic, stone, carpet or other flooring systems. Floor covering adhesives that are suitable for concrete can be used on LATICRETE SUPERCAP SC500.



FEATURES/BENEFITS

- Eliminates the need for power troweling concrete.
- Self-drying formula - Finished floor goods may be installed as soon as 16 hours after application, subject to ambient conditions and type of flooring materials.
- Surface is walkable in 4 hours and may be open to wheel traffic within 72 hours at 21°C.
- Can be left open to normal trade's traffic for up to 12 months prior to installation of floor coverings.
- Inorganic-based formulation will not contribute to or harbour growth of mould or mildew.

PACKAGING

1000 kg Supersacks (concentrate)

SUITABLE SUBSTRATES (INTERIOR ONLY)

- Concrete
- Vinyl Tile
- Cement Terrazzo
- Ceramic Tile and Stone
- Cement Mortar Beds

MANUFACTURER

LATICRETE Australia Pty Ltd
29 Telford Street
Virginia, QLD 4014 Australia

Telephone: 07 3865 1599
Toll Free: 1800 331 012
Fax: 07 3865 2250
Internet: www.laticrete.com.au

Approximate Coverage

Per 1000 KG Super Sack Concentrate Mixed with sand on site through the MBU – 200 m² at 6mm depth*

*Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of equipment used, thickness applied, sand ratios and applications methods.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for six (6) months in bags if stored off the ground in a dry area**.

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

Limitations

- Do not install LATICRETE® SUPERCAP® SC500 over Particle board, chipboard, hardboard (Masonite®), Luan panels, asbestos, gypsum-based patching materials, asphalt, coal tar, lightweight insulating concrete or any other dimensionally unstable materials.
- LATICRETE SUPERCAP SC500 is not recommended as a wear surface or for steel-wheeled traffic.
- For interior use only.
- Do not install when surface temperature is below 4°C or above 32°C
- Do not install over painted surfaces.
- Do not exceed recommended mixing ratio as indicated in mixing instructions. Over watering will weaken product properties.
- Never mix with cement or admixtures.
- Do not apply LATICRETE SUPERCAP SC500 over waterproofing or crack isolation membranes. Consult LATICRETE SUPERCAP Technical Services for proper installation over moisture mitigation systems.
- Not for use in submerged applications

Cautions

Before using any LATICRETE SUPERCAP product:

- Contains Silica sand and may cause cancer or respiratory irritation. Do not breath dust or take internally. Wear a respirator in dusty areas. See SDS.
- Contains cement which can cause serious eye damage and skin irritation. Wear protective eye protection and gloves. In case of contact, flush thoroughly with water. See SDS
- Check LATICRETE for any technical bulletins or updated information about the product and its application.
- Contact your local LATICRETE SUPERCAP Technical Sales Representative with any questions.
- Consult SDS for more safety information.
- Do not allow foot traffic on finished work until cured.
- Keep out of reach of children.

TECHNICAL DATA

VOC Product Information.

Green Building Council of Australia Green Star Office Design & Interior. VOC: 1gram/litre.

Pour Depth	To a maximum depth of 75mm Consult Technical Services for average depths over 75mm
Walkable	4 hours at 21°C
Flexural Strength (ASTM C1708) 28 days	6MPa
Compressive Strength (ASTM C1708)	5Mpa @ 4hrs, 13MPa @ 24hrs & 30Mpa @ 28 days.
Set Times	Initial set 60mins & Final set 150mins
Installed dry weight @ 6mm thick (approximately)	11.1Kgs/m ²

Specifications are subject to change without notification. Technical data shown in LATICRETE SUPERCAP product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to variability of job site factors.

INSTALLATION

Surface Preparation

Refer to TDS 1230 LATICRETE Substrate and Preparation and Primer Guide for more detailed surface preparation instructions.

Priming

All surfaces must be primed prior to every LATICRETE SUPERCAP application. LATICRETE PRIMER is a concentrate and must be diluted with clean potable water. Dilution ratio varies depending on the substrate. See DS1236 and TDS1230 LATICRETE Substrate Preparation and Primer Guide for more detailed dilution, approximate coverage and application instructions.

Note: Keep primed surface clean. Do not allow any foot traffic onto surface.

Mixing

Supersacks — Pre-condition Supersacks of LATICRETE SC500 Concentrate to approved application temperature (air temperature between 10–32°C). LATICRETE SUPERCAP SC500 Concentrate is blended by qualified LATICRETE SUPERCAP Applicators in the mobile blending unit that mixes LATICRETE SUPERCAP products onsite at street level to manufacturers specification.

Application

Substrate temperature must be a minimum 4°C during application and air temperature maintained between 10–32°C. Protect areas from direct sunlight. If required to meet design tolerances, survey surface using a digital or electronic leveling device and apply level pegs as required. Adequate ventilation should be provided to ensure uniform cure. Pump or pour blended material onto substrate at an average thickness ranging between 3 – 75mm for all surfaces. Material can be tamped to zero at edges. Wood substrates require a minimum thickness of 19mm. Immediately following placement lightly smooth the surface and pour lines. When not using level pegs the use of a gauge rake will assist in controlling material depth. Do not expose LATICRETE SUPERCAP SC500 to rolling dynamic loads, such as forklifts or scissor lifts, for at least 72 hours @ 21°C after installation. Proper application is the responsibility of the user. Field visits by LATICRETE SUPERCAP personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Flooring Installation

Finished floor goods may be installed as soon as 24 hours after application, subject to ambient conditions and type of flooring materials. Always refer to finished floor manufacturer's recommendations regarding installation instructions, restrictions, moisture conditions and compatibility. Always test performance suitability and compatibility of finished floor systems prior to their application. Sample surfaces should be installed as a field test so as to be representative of entire surface and tested for intended use.

Clean Up

In case of spillage, sweep or vacuum into appropriate container and dispose of in accordance with applicable local, provincial and federal regulations.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY® materials are available worldwide.

For Distributor information:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

For online distributor information, visit LATICRETE at www.laticrete.com.au

Cost

Contact a LATICRETE Distributor in your area.

MAINTENANCE

No maintenance is required.

TECHNICAL SERVICES

Technical assistance

Information is available by calling:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

Fax: 07 3865 2250

Email: technicalservices@laticrete.com.au

Technical and safety literature

To acquire technical and safety literature, please visit our website at

www.laticrete.com.au

DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.

- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.
- The use of this product is beyond our control and liability is assumed by the user when used incorrectly and not in accordance with LATICRETE® guidelines.
- The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product.
- The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional detailing is performed for specific design or any areas that fall outside the scope of this specification.

LATICRETE Australia Pty Ltd

29 Telford Street, Virginia

QLD 4014 Australia

1800 331 012

www.laticrete.com.au

† United States Patent No.: 6,881,768 (and other patents)