



# LATICRETE® 73 Crete Admix

Data Sheet 266aus.0

## 1. PRODUCT NAME

LATICRETE® 73 Crete Admix

## 2. MANUFACTURER

LATICRETE Pty Ltd  
464 Geelong Road  
Footscray West. VIC. 3012  
Telephone: 03 99336111  
Toll Free: 1800331012  
Fax: 03 99336199  
Email: laticreteoz@laticrete.com.au  
Internet: http://www.laticrete.com.au

## 3. PRODUCT DESCRIPTION

LATICRETE 73 Crete Admix is a latex admix used in place of water in Portland cement/sand mixes. Tile setting mortars made with 73 Crete Admix are more flexible and are stronger than conventional Portland cement mortars. This strong bond is especially important when vitreous and semi-vitreous tiles are installed.

### Uses

Quarry tiles and other ceramic tile floors in hard wear areas, such as factories and loading areas, should be set in LATICRETE 73 Crete Admix because of the shock and impact resistance it gives the setting bed.

### Advantages

- Non-flammable
- Increased flexibility
- Improved impact resistance

### Suitable Substrates

- Concrete
- Cement Plaster
- Cement Mortar Beds
- Ceramic Tile and Stone
- Concrete Masonry
- Brick Masonry
- Gypsum Wallboard\*
- Cement Terrazzo
- Cement Backer Board\*\*

*\*Interior applications only*

*\*\*Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use.*

### Packaging

19 liters fda Pail, 36 per pallet

### Coverage

Approximately 25.6m<sup>2</sup> per 19 liter using a 6mm x 6mm notched trowel.

### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at temperatures 0°C and <43°C.

### Limitations

- Keep from freezing.
- Do not use on Masonite, wood products or metal surfaces.
- Use LATAPOXY® 300 Epoxy Adhesive when installing green marble or water sensitive natural stone and agglomerates.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE Waterproof Membrane.
- Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/480 for thin bed stone installations where L = span length.

### Cautions

- During cold weather, protect finished work from traffic until fully cured.
- Keep out of reach of children.

## 4. TECHNICAL DATA

### Applicable Standard

ANSI A118.4-1999

### Performance Properties

Mixed with LATICRETE 211 Crete Filler Powder

Test	Test Method	Results
Porcelain Tile, 28 day cure	ANSI A118.4-1999; F-5.2.4	2.75 MPa
Porcelain Tile, Water immersion	ANSI A118.4-1999; F-5.2.3	2.28 MPa
Water Absorption	ANSI A118.6-1999; H-4.4	5% max.
Compressive Strength	ANSI A118.4-1999; F-6.1	27.6 MPa

### Working Properties (70°F(21°C))

Mixed with LATICRETE 211 Crete Filler Powder

Open Time	40 minutes
Pot Life	5 hours
Time to Traffic	24 hours
Wet Density	1637 kg/m <sup>3</sup>

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.

## 5. INSTALLATION

### **Surface Preparation**

All surfaces should be between 4°C and 32°C and structurally sound, clean and free of all laitance, efflorescence, dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with LATICRETE Latex Portland Cement underlayment to provide a wood float (or 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. All slabs must be plumb and true to within 6mm in 3m. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow Australian Standards "Requirements for Expansion Joints" or TCA Detail EJ171-91 "Expansion Joints". Do not cover expansion joints with mortar.

### **Mixing**

Use 20 Liter of LATICRETE 73 Crete Admix to approximately 176 lbs (80kg) of LATICRETE 211 Crete Filler Powder\* and mix to a smooth, trowelable consistency. Allow mortar to slake for 5-10 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel.

\*Alternate Filler powder: One (1) part Portland Cement and One (1) part Sand (0-0.6mm).

### **Application**

Apply mortar to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional mortar with the notched side. Note: Use the proper sized notched trowel to insure full bedding of the tile. It is essential that enough mortar is used to completely cover the back of the tile with a minimum 2mm to 3mm uniform thickness. Spread as much mortar as can be covered with tile in 15-20 minutes. Back butter large tiles >200 x 200mm to provide full bedding and firm support. Place tiles into place with a slight twisting motion and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check mortar for complete coverage by periodically removing a tile and inspecting bedding mortar transfer onto back of tile.

### **Grouting**

Grout installation after a minimum of 24 hours curing time at 21°. Grout with LATICRETE 500 Sanded or 600 Unsanded Grout mixed with LATICRETE 1776 Grout Admix Plus. For maximum stain resistance use LATAPOXY SpectraLock Pro Grout.

### **Cleaning**

Clean tools and tile work with water while mortar is fresh.

## 6. AVAILABILITY AND COST

### **Availability**

LATICRETE and LATAPOXY® materials are available worldwide. For distributor information, call:

Toll Free: 1800331012  
Telephone: 03 99336111

For on-line distributor information, visit LATICRETE at <http://www.LATICRETE.com.au>

### **Cost**

Contact a LATICRETE Distributor in your area for complete pricing information.

## 7. WARRANTY

LATICRETE warrants that LATICRETE® 73 Crete Admix is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to the LATICRETE terms and conditions.

## 8. MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.