



## E-CON™

Globally Proven  
Construction Solutions

E-CON is a concentrated, odorless, water-based polymer liquid that, when placed on fresh concrete, helps to control the rate of evaporation and extend workability.

When applied to fresh concrete, E-CON reduces contractor field problems with exposed exterior concrete by minimizing surface crusting and plastic shrinkage cracks. E-CON is ideal for achieving superior quality flatwork in challenging conditions such as high and low temperatures, low humidity, high winds, and direct sunlight. Proper placement of E-CON is aided by the presence of a dissipating pink dye.



### FEATURES/BENEFITS

- Effective evaporation control
- Improves workability of freshly placed concrete
- Reduces plastic shrinkage cracks
- Reduces evaporation rates up to 80% in wind and 40% in hot sunlight
- Water based; low odor
- Remains effective after screeding and first floating operation
- Non-residual
- Economically concentrated

### USES

E-CON aides workability with standard concrete mixes, silica fume concrete, thin concrete resurfacing, and all cementitious shake on floor hardeners after placement by protecting against moisture loss. The protective shield formed usually lasts as long as the concrete remains workable, despite successive floating and troweling operations. No residue or color remains after the concrete hardens.

### MANUFACTURER/ DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd (Level 2, A3)  
No. 38 Sungei Kadut, Street 2, Singapore 729245  
Telephone: +65 6515 3028 Fax: +65 6515 3037  
Internet: [se.laticrete.com](http://se.laticrete.com)

### STANDARDS/CERTIFICATIONS

- ACI-305R
- ACI-306

**Specification Description**

03 39 13: Evaporation control: Apply monomolecular film to fresh plastic concrete one or more times as needed, before and after finishing operation. (ACI 305R)

**Suitable Substrates**

- Freshly Placed Concrete

**Packaging**

1 Qt (1 L)  
1 Gal (3.8 L)  
5 Gal (18.9 L)

**Approximate Coverage**

4.9-9.8 m<sup>2</sup>/L after dilution

**Shelf Life**

E-CON containers are to be kept tightly sealed and stored in a cool, dry place. Shelf life is one year when stored properly, between 4-41°C. Keep from freezing.

**Limitations**

- Not to use as a curing compound
- Immediately wipe up any wet residue from hardened concrete surfaces

**Cautions**

- Avoid contact with skin, eyes and clothing
- Wash thoroughly after handling
- Do not take internally
- Wear skin and eye protection
- Please refer to Safety Data Sheet (SDS) before using
- Do not allow to freeze

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

**TECHNICAL DATA****Physical and Working Properties**

Specifications are subject to change without notification. Technical data shown in product 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 critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

**INSTALLATION****Surface preparation****Mixing**

Shake or mix concentrate before dilution. Add 10 parts clean potable water to 1 part E-CON™ concentrate. Mix or shake again until thoroughly blended.

**Application**

Apply uniformly over fresh concrete using clean spray equipment with a fogging tip. Spray immediately after bull floating and during finishing operation as needed. The pink color of E-CON can be used as a visual placement aid that will quickly dissipate and not discolor concrete. In extreme drying conditions, re-apply additional E-CON as needed. Use on fresh plastic concrete as well as between shake-on hardener applications. Apply lightly on hard to trowel floor areas. Do not puddle. Immediately wipe up any wet residue from hardened concrete surfaces.

**Cleaning**

Clean tools using soap and water.

**AVAILABILITY AND COST****Availability**

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

**Telephone:** (65) 6515-3028

**Fax:** (65) 6515-3037

For on-line distributor information, visit LATICRETE at [se.laticrete.com](http://se.laticrete.com)

**Cost**

Contact a LATICRETE Distributor in your area.

**WARRANTY**

Subject to the conditions and limitations stated below, LATICRETE South East Asia Pte Ltd warrants that its products will be free from manufacturing defects and will not break down or deteriorate under normal usage for a period of one (1) year from the date of purchase when installed in accordance with the written specifications of LATICRETE and industry standard guidelines.

**MAINTENANCE**

Non-finish LATICRETE and LATAPOXY installation materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers. Periodic light applications are recommended to maintain gloss and protection.

**TECHNICAL SERVICES/ CONTACT****Technical Assistance**

Information is available by calling:

LATICRETE South East Asia Pte Ltd  
(Level 2, A3)  
No. 38 Sungei Kadut, Street 2,

Singapore 729245  
Telephone: (65) 6515-3028  
Fax: (65) 6515-3037  
Email: [enquiry@laticrete.com.sg](mailto:enquiry@laticrete.com.sg)

**Technical and safety literature**

To acquire technical and safety literature, please visit our website at [se.laticrete.com](http://se.laticrete.com)