



## GUARD PU (H)

DS14-5104-0925

**For the Builders  
of a Better World™**



### FEATURES/BENEFITS

- Ready-to-use
- Stain resistance
- Easy to clean
- Reduce dirt depositions
- Quick drying
- Low wearing

### USES

- Suitable for application on acrylic polymer cementitious coatings
- All concrete pavers, playground, sports court, etc

### MANUFACTURER/ DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd  
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### STANDARDS/CERTIFICATIONS

- ASTM C531
- BS EN 13892
- SS 485
- BS EN ISO 10545

### Suitable Substrates

- Concrete, polymer screeds
- Self-levelling compound
- Cementitious masonry finish

### Packaging

22kg pail

### Approximate Coverage

One pail can be yield approximately 105 m<sup>2</sup> per coat.

### Colors

Misty Grey, Urban Grey

### Shelf Life

Factory sealed container of this product is guaranteed to be of first quality for twelve (12) months and if stored off the ground in a dry area, at temperatures >0°C and <40°C.

### Limitations

- Please note LATICRETE masonry surfaces and floor finishes are not intended to be perfectly homogeneous in appearance. Shade of color may vary slightly as these use natural mined resources. The typical application procedures of spreading and smoothing, along with the sanding process, will result in optical variations in the appearance of the floor. The aesthetic appearance that is created is subject to possible technical and artistic tolerances. Variations in the overall finished appearance should be expected.

### Cautions

Consult MSDS for more safety information.

- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.
- Protect finished work until fully cured.

### TECHNICAL DATA

#### Performance Properties

Test	Test Method	Results
Linear Shrinkage	ASTM C531	No Visual Crack
Abrasion Resistance after Thermal	BS EN 13892	≤ 0.15mm
Abrasion Resistance at 28 Days	BS EN 13892	≤ 0.14mm
Slip Resistance	SS 485	≤ 49 SRV
Resistance to Stains	BS EN ISO 10545	Class 5

### Working Properties

Light traffic	4.5 hours
Finish surface	Satin

Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### INSTALLATION SYSTEM

#### Preparation

All surfaces should be between 5°C to 40°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. 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 ANSI Specification AN-3.8 "Requirements for Expansion Joints" or TCA Details EJ171 "Expansion Joints".

#### Application

- The substrate shall be solid, firm and free from laitance, dust and dirt. All loose concrete shall be removed.
- Guard PU (H) can be applied by roller or brush.
- Pour Guard PU (H) into paint tray.
- Using a 50mm (2") wide synthetic brush, stripe coat all edges, joints, corners and equipment with the material. Apply the material as liberally as possible.
- Once the stripe coat has been cured sufficiently and is ready of being overcoated, apply the Guard PU (H) to all surfaces as liberally as possible (approximate 115 microns/ 4.1mil WFT).
- Once it has cured the coated surface should have a good finish, if there are any dull patches these will need to be overcoated with a further coat of Guard PU (H).
- Recommended to be applied a minimum of 2 coats.
- Once there is a uniform finish to the coated surface, leave the system to cure at 25°C.

### AVAILABILITY AND COST

#### Availability

LATICRETE and LATAPOXY 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

LATICRETE South East Asia Pte Ltd warrants that Guard PU (H) 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 terms and conditions stated.

## TECHNICAL SERVICES

### Technical Assistance

Information is available by calling:

LATICRETE South East Asia Pte Ltd  
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### Technical and safety literature

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

#### Disclaimer

LATICRETE is not responsible for product use beyond its intended application. Liability is limited to replacing defective materials. We are not responsible for any loss or damage resulting from improper use. Product specifications are subject to change without notice. For the most up-to-date information, please visit our website at [se.laticrete.com](http://se.laticrete.com).