

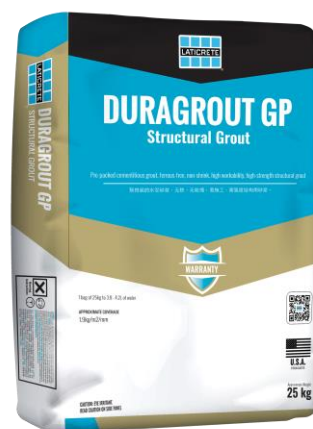


Globally Proven  
Construction Solutions

## DURAGROUT GP

DURAGROUT GP is a pre-packed cementitious grout, ferrous-free, non-shrink, high workability, high-strength structural grout. DURAGROUT GP consists of balanced blend of polymer cementitious, graded siliceous quartz, and a shrinkage compensating system which produces a volume stable structural grout.

DURAGROUT GP designed to provide a controlled, positive expansion to ensure an excellent bearing area, achieves high early strengths without intermediate or latent shrinkage. DURAGROUT GP remains stable without failure from compressive loading, impact, lateral thrusts, high heat or continuous vibration.



### FEATURES/BENEFITS

- Repairs to horizontal or vertical concrete or mortar surfaces.
- Filling / repair mortar for voids, honeycomb surfaces etc.
- Repair of spalled concrete.

### USES

DURAGROUT GP is used where non-shrink, high-strength, high workability, non-slip, structural performance grout is required such as: wall and overhead application.

### MANUFACTURER/DISTRIBUTED BY

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

### STANDARDS/CERTIFICATIONS

- ASTM C942
- BS EN 12615
- ASTM C940

### Suitable Substrates

- Existing concrete

### Packaging

25 kg bag

### Approximate Coverage

1.9 kg/m<sup>2</sup> per mm thickness, minimum thickness is 5mm and above.

### Shelf Life

DURAGROUT GP bags are to be kept in dry storage to prevent water contamination. Shelf life is one (1) year in unopened bags when properly stored.

### Limitations

- Do not mix more DURAGROUT GP than can be placed in 30 minutes
- Avoid DURAGROUT GP placement when temperatures are, or will be, below 5°C within 24 hours
- Do not over-vibrate fluid consistency grout
- Follow ACI recommended practices
- Refer to the LATICRETE Guide to Precision Structural Grouts
- Do not add plasticizer accelerators or additional cement to DURAGROUT GP.
- For Professional Use only

### Cautions

- Consult SDS for more safety information
- Protect finished work until fully cured
- 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. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children

## TECHNICAL DATA

### Physical and Working Properties

Performance Test	Results
Compressive strength after 7 days <b>ASTM C942</b>	>45N/mm <sup>2</sup>
Compressive Strength after 28 days <b>ASTM C942</b>	>50N/mm <sup>2</sup>
Slant Shear Bond Strength <b>BS EN 12615</b>	>6N/mm <sup>2</sup>
Expansion/Shrinkage <b>ASTM C940</b>	<0.4% expansion at 28 days 0% shrinkage at 28days
Initial setting time	2 hours
Final Setting Time	4 hours

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:** Clean surface of oil, grease, dirt, laitance and loose material, down to sound concrete. Metal surfaces are to be free of rust or other foreign material. Clean bolt holes, bolts and the underside of bed plates. After roughening the concrete surfaces, saturate the surfaces and bolt holes with water for 24 hours prior to grouting.

### Mixing instructions

Mix 3.8ℓ - 4.2ℓ of water, place into the mixer. Continue to mix for a total of 3 to 5 minutes or to uniform consistency.

**Application:** Apply bonding agent or dampen surface. Apply "wet on wet" the mixed grout well onto the prepared substrate using a spatula or steel trowel pasting or patching to fill all pores and voids. Compact well. scratch the material against the edge of the repair, working towards the centre. Apply steel trowel for the final finish if required.

**Curing instructions:** Exposed DURAGROUT GP must be protected and cured immediately after placement. Cover with clear plastic, damp clean rags or burlap for a period of 72 hours. Do not let the rags or burlap dry out during the curing period.

### 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.

## TECHNICAL SERVICES/ CONTACT

### Technical Assistance

Information is available by calling:

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No. 38 Sungei Kadut Street 2  
(Level 2, A3)  
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Telephone: (65) 6515-3028  
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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)