



L&M™ EPOGROUT 758™

DS-176.9E-1123

**Globally Proven
Construction Solutions**



1. NOMBRE DEL PRODUCTO

L&M™ EPOGROUT 758™

2. FABRICANTE

LATICRETE International, Inc.
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Sitio de Internet: laticrete.com

3. DESCRIPCIÓN DEL PRODUCTO

EPOGROUT 758 is a three-component, flowable, epoxy-based grout that produces high performance strength and chemical inertness. EPOGROUT 758 is scientifically formulated with a high aggregate to resin ratio to provide high strength while allowing easy flowable placement. EPOGROUT 758 contains a carefully selected combination of epoxy resins and aggregate fillers which provides beneficial physical properties such as, resistance to chemical and physical degradation, resistance to creep, and excellent adhesion to both steel and concrete. EPOGROUT 758 is a 100% solids epoxy resin base which provides alignment that is precise and permanent for equipment and machinery. EPOGROUT 758 is unaffected by oils, water, most chemicals and develops rapid strength gain to allow quick return of vital equipment to service.

Usos

- Using EPOGROUT 758 means trouble-free grout performance. In steel mills use as a foundation grout under crushers, ball mills, rod mills, slab tables, and heavy equipment. In gas transmission companies use in placing compressor engines requiring precise, permanent alignment. Other EPOGROUT 758 applications include: grouting original installations of heavy equipment such as compressors, pumps, engines and other machinery; grouting railroad, subway and crane rails; sole plates and anchor bolts; repairing cracked foundations; in pipelines, sewage plants or other areas where rapid strength and chemical resistance are critical. EPOGROUT 758 is also recommended for encapsulation of columns and piles.

Ventajas

- Flowable for easy placement
- Very low peak exotherm
- Fast cure and high early strength
- Low creep/high modulus of elasticity
- Fast turnaround projects
- High compressive strength

Sustratos adecuados

Presentación

EPOGROUT 758 se encuentra disponible en una unidad conveniente conformada por tres componentes.

- Unidad simple 28.8 kg (63.5 lb)
- 1 cubeta de 3.1 kg (6.9 lb) de Resina (A)
- 1 cubeta de 0.7 kg (1.6 lb) de Endurecedor (B)

Rendimiento aproximado

One unit yields approximately 0.5 ft³ (0.01 m³) when mixed together

Limitaciones

- Not recommended for placement below 50(F (10(C)
- Do not apply in standing water or over surfaces not thoroughly cleaned
- Protect surfaces where bond is not desired with two coats of paste wax or plastic sheeting

Precauciones

- Consult SDS for more safety information
- Contains epoxy resins

- Unmixed liquid component B is corrosive
- Prolonged exposure to skin may cause irritation, dermatitis or other allergic responses
- Cornea damage can occur from eye contact
- Mix in ventilated area. DO NOT breathe excessive fumes
- Wear protective gloves, goggles and clothing when handling epoxy resins
- Protect finished work from traffic until fully cured
- 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
- 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.

4. DATOS TÉCNICOS

Propiedades físicas

Property	Observed
Color	Dark Gray
Bond Strength to concrete	100% concrete failure
Bond Strength to steel	2500 psi (17.2 MPa)
Compressive Strength ASTM C 579	8 hour: 3800psi (26.2 MPa) 1 day: 11,200 psi (75.8 MPa) 3 day: 13,000 psi (89.6 MPa) 7 day: 15,000 psi (103 MPa)
Compressive Modulus ASTM D 695	589,600 psi (4065 MPa)
Tensile Strength ASTM D 638	2950 psi (20.3 MPa)
Elongation at break ASTM D 638	0.72%
Flexural Strength ASTM D 790	6600 psi (45.5 MPa)
Heat Distortion Temperature ASTM D 648	136°F (58°C)
Maximum Continuous Service Temperature (for non-load bearing applications)	250°F (121°C)
Coefficient of Thermal Expansion ASTM D 696	18.4 x 10 ⁻⁶ /°F
Effective Bearing Area ASTM C 1339	>95%
Bond to concrete ASTM C 882	>550 psi (3.8 MPa)
Water Absorption % ASTM D 570	0.25%
Average Working Time	45 min
Creep ASTM C1181	@ 600 psi (4.1 MPa) and @150°F (65°C) 7.09 x 10 ⁻³ in./in. (cm/cm)

Las especificaciones están sujetas a cambios sin notificación. Los resultados exhibidos son representativos pero reflejan los procedimientos de prueba utilizados. El desempeño real en el área de trabajo dependerá de los métodos de instalación y de las condiciones del lugar.

5. INSTALACIÓN

- **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 and finished to an SSPC-SP6 to achieve a good bond to steel. Clean bolt holes, bolts and the underside of bed plates. After roughening the concrete surfaces, ensure the surfaces and bolt holes

are dry prior to grouting.

Forming: Construct a rigid, watertight form around the bearing plate or object to be grouted. Form elevation should be approximately one vertical inch higher than the highest point to be grouted. On large pours a form sloped at a 45° angle or “head box” should be employed to facilitate placement. Side and end forms should be positioned at least 1” from the bearing plate or equipment base. Placement side form should be at least two inches from the object to be grouted. Do not place grout in large, unsupported open areas.

Mixing instructions: Stir each liquid component separately before blending. The materials are all premeasured. Pour all of A into mechanical mixer and then add B while mixing slowly and well. Slowly add aggregate with continued mixing until all aggregate is uniformly coated and proper consistency is achieved. To increase the flowability, reduce the amount of aggregate. The lower the quantity of aggregate, the greater will be the flowability. The minimum aggregate content is 90% of the total aggregate in the unit. Do not add solvent. To reduce air entrapment caused by mixing, run mortar mix until all aggregate is uniformly coated but no more than 5 minutes.

Placing: Fill anchor bolt holes and block-outs first. For flat baseplates, pour from one side. Prevent air entrapment. Rods, pre-placed straps, and other tools will assist in moving the grout. Use a wooden head box for large pours. EPOGROUT 758™ should be placed a minimum of 3/4” (19 mm) thick and a maximum of 8” (203 mm). At thickness over 2” (50 mm), use full aggregate loading. Periodically wipe trowel or tools with solvent to reduce drag.

Finishing and Clean-Up: Clean tools with soap and water or lacquer thinner before EPOGROUT 758 hardens. Clean mixing equipment by running dry aggregate with soap and water or lacquer thinner in mixing drum for a few minutes. Clean hands with abrasive hand soap.

6. DISPONIBILIDAD Y COSTO

Disponibilidad

Los materiales LATICRETE® y LATAPOXY® están disponibles en todo el mundo.

Para obtener información sobre los distribuidores, llame a:

Línea telefónica gratuita: 1.800.243.4788
Teléfono: +1.203.393.0010

Para obtener información sobre los distribuidores en Internet, visite LATICRETE en laticrete.com

Costo

Comuníquese con un distribuidor de LATICRETE de su zona.

7. GARANTÍA

Consulte la Sección 10. SISTEMAS ESPECIALES:

8. MANTENIMIENTO

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.

9. DEPARTAMENTO DE ASISTENCIA TÉCNICA

Asistencia técnica

Para obtener más información, comuníquese con la Línea Directa del Departamento de Asistencia Técnica de LATICRETE:

Línea telefónica gratuita:
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Material informativo sobre aspectos técnicos y de seguridad

Para obtener material sobre aspectos técnicos y de seguridad, visite nuestro sitio web en laticrete.com.

10. SISTEMAS ESPECIALES

Podrá obtener más información sobre los productos en nuestro sitio web laticrete.com. A continuación, encontrará una lista de documentos afines:

- DS 230.13: LATICRETE Product Warranty

LATICRETE International, Inc.

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