



EZ-CURE® CONTRACTOR'S GROUT

General Purpose Non-Shrink Cement Grout

PRODUCT DESCRIPTION

Five Star® EZ-Cure® Contractor's Grout is a cement-based, non-shrink grout ideal for general construction grouting applications. Five Star® EZ-Cure® Contractor's Grout meets CRD-C-621 and ASTM C 1107 and can be installed over a wide temperature range. Five Star® EZ-Cure® Contractor's Grout provides high strengths and can be mixed from dry pack to flowable consistency.

ADVANTAGES

- Meets CRD-C-621 specification for non-shrink grout
- Durable and cost-effective general grout
- Dry pack to flowable consistency
- Locally manufactured under strict quality control standards
- Moisture-resistant, durable, non-slip, recyclable poly bag

USES

- Non-shrink grouting of structural steel and precast concrete
- Non-shrink grouting of racking and rails
- Installation of anchors, dowels and reinforcing bars
- General construction grouting applications

PACKAGING AND YIELD

Five Star® EZ-Cure® Contractor's Grout is packaged in heavy-duty polyethylene bags and is available in 50 lb. (22.7 kg) units yielding approximately 0.42 cubic feet (11.9 liters) at maximum water.

SHELF LIFE

One year in original unopened packaging when stored in dry conditions; high relative humidity will reduce shelf life.

TYPICAL PROPERTIES AT 70°F (21°C)

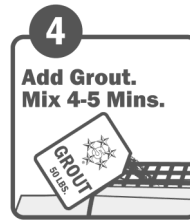
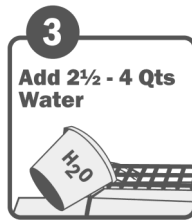
Compressive Strength, ASTM C 109	Flowable	Drypack
1 Day	2,000 psi (13.8 MPa)	3,500 psi (24.1 MPa)
7 Days	4,500 psi (31.0 MPa)	6,000 psi (41.4 MPa)
28 Days	6,000 psi (41.4 MPa)	7,500 psi (51.7 MPa)
Volume Change, CRD-C-621-89 Expansion	0.0 to 0.30%	0.0 to 0.30%
Working Time at 70°F (21°C)	30 minutes	20 minutes

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result. Test methods are modified where applicable.

PLACEMENT GUIDELINES

- 1. SURFACE PREPARATION:** All surfaces in contact with Five Star® EZ-Cure® Contractor's Grout shall be free of oil, grease, laitance and other contaminants. Surface must be clean, sound and roughened to ensure a good bond. Soak concrete surfaces for 8 to 24 hours prior to application with liberal quantities of potable water, leaving the surface saturated and free of standing water.
- 2. MIXING:** With the mixer running, add pre-measured potable water (total water content is 2.5 to 4 quarts potable water per 50 lb. unit) to the mixer. Add Five Star® EZ-Cure® Contractor's Grout and mix thoroughly for approximately four to five minutes to a uniform consistency with a mortar mixer (stationary barrel with moving blades) or drill and paddle mixer. Adjust consistency if necessary, but do not exceed maximum water content stated on the package or an amount that will cause segregation. For optimum performance, maintain grout at ambient temperatures between 50°F and 90°F (10°C and 32°C). Use heated or chilled water to help adjust working time. Do not mix more material than can be placed in 30 minutes. Follow printed instructions on the package.
- 3. METHODS OF PLACEMENT:** Five Star® EZ-Cure® Contractor's Grout may be dry packed or poured into place.
- 4. POST-PLACEMENT PROCEDURES:** Five Star® EZ-Cure® Contractor's Grout shall be wet cured for a minimum of three days, or coated with an approved curing compound after a minimum 24-hour wet cure. In-service operation may begin immediately after the required grout strength has been reached.

NOTE: PRIOR TO APPLICATION, READ ALL PRODUCT PACKAGING THOROUGHLY. For more detailed placement procedures, call Five Star Products' Engineering and Technical Service Center at 1-800-243-2206.



CONSIDERATIONS

- Never exceed the maximum water content stated on the package or add an amount that will cause segregation.
- For grouting applications such as equipment and machinery baseplates, use Five Star® EZ-Cure® Grout.
- Grout must attain a minimum 1,000 psi (7.2 MPa) before being exposed to freezing temperatures.
- Construction practices dictate concrete foundation should achieve its design strength before grouting.

CAUTION

Contains cementitious material and crystalline silica. International Agency for Research on Cancer has evaluated that there is sufficient evidence for the carcinogenicity of inhaled crystalline silica to humans. Take appropriate measures to avoid breathing dust. Avoid contact with eyes and contact with skin. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Immediately call a physician. Wash skin thoroughly after handling. Keep product out of reach of children.

PRIOR TO USE, REFER TO MATERIAL SAFETY DATA SHEET.

For worldwide availability, additional product information and technical support, contact your local Five Star® distributor, local sales representative, or visit www.FiveStarProducts.com.

SKU / PRODUCT CODE	DESCRIPTION	UNIT SIZE
58100	EZ-Cure® Contractor's Grout	50 lb. Bag

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