



EUCO TREMIE GROUT

NON-SHRINK UNDERWATER GROUT

EUCLID CHEMICAL

DESCRIPTION

EUCO TREMIE GROUT is specially designed for use in underwater grouting applications. This highly flowable, cement based, non-shrink grout remains in a cohesive, well blended mix when placed or pumped in off-shore concrete repairs.

PRIMARY APPLICATIONS

- Underwater grouting
- Pier supports
- Underwater concrete structures
- Off-shore rigging

FEATURES / BENEFITS

- Non-shrink for positive, secure support
- Does not contain chlorides as additives which may contribute to rebar corrosion
- Highly flowable for easy mixing & pumping
- Rapid strength gain for early support

TECHNICAL INFORMATION

PROPERTY	RESULT @ 22°C	RESULT @ 10°C
Compressive Strength ASTM C 109 Modified see ASTM C 1107 Section 11.5	1 day: 22 MPa 3 days: 33 MPa 7 days: 38 MPa 28 days: 49 MPa	1 day: 7 MPa 3 days: 20 MPa 7 days: 25 MPa 28 days: 31 MPa
Volume Change ASTM C 1090 & CRD C 621	3 days: +0.04% 7 days: +0.06% 14 days: +0.06% 28 days: +0.08%	-
Setting Time ASTM C 191	Initial Set: 5 hours Final Set: 7 hours	Initial Set: 12 hours Final Set: 18 hours

Appearance: EUCO TREMIE GROUT is a free flowing powder designed to be mixed with water. After mixing and placing, the color may initially appear much darker than the surrounding concrete. While this color will lighten substantially as the concrete cures and dries out, the grout may always appear somewhat darker than the surrounding concrete.

PACKAGING/YIELD

EUCO TREMIE GROUT is packaged in 22.7 kg bags. Yield is approximately 13L of flowable grout when mixed with 4.5 L of water. (Also available in bulk bags).

SHELF LIFE

2 years in original, unopened package.

SPECIFICATIONS/COMPLIANCE

- Meets the requirements of CRD C 621, Corps of Engineers specification for non-shrink grout.
- Shows positive expansion when tested in accordance with ASTM Specification C 1090, Standard Test Method for Measuring Changes in Height of Cylindrical Specimens from Hydraulic-Cement Grout.
- Meets the performance requirements of ASTM C 1107, combination volume adjusting grout standard specification for packaged, dry, hydraulic-cement grout (non-shrink).

GROUTS

EUCO TREMIE GROUT

MASTER FORMAT #:
00 00 00

DIRECTIONS FOR USE

Surface Preparation: All concrete surfaces should be clean, sound and free of surface scaling and any material which may interfere with bond.

Mixing: Approximately 4.5L of water will be required to produce a flowable consistency. EUCO TREMIE GROUT should not be placed at a fluid consistency. Mechanically mix for a minimum of 3 minutes then place the grout. For placements where the clearance is beyond 12.7 cm, EUCO TREMIE GROUT may be extended with up to 9.1kg of 9.5mm pea gravel per 22.7kg bag.

Placing: After mixing, grout may be pumped into place. EUCO TREMIE GROUT should be placed continuously.

Curing: No special curing is required when product is placed under water. Air exposed surfaces may be coated with a curing compound if hot, dry conditions exist.

CLEAN UP

Clean tools and equipment with water before the material hardens.

PRECAUTIONS / LIMITATIONS

- Store materials in a dry place.
- Do not add admixtures or fluidifiers.
- Keep exposed portions of the grout from freezing until a minimum strength of 27.6 MPa is reached.
- Rate of strength gain is significantly affected at temperature extremes.
- In all cases, consult the Safety Data Sheet before use.

Rev: 22/03/17