

GROUTS

Master Format #: 03 61 13

DRY PACK GROUT

NON-SHRINK STRUCTURAL GROUT



EUCLID CHEMICAL

PACKAGING

50 lb (22.7 kg) bags and pails
Code: 088B 50

APPROXIMATE YIELD

50 lb (22.7 kg) bag: 0.40 ft³ (0.011 m³)
when mixed with 0.55 to 0.70 gal (2.08 to 2.65 L) of potable water.

CLEAN UP

Clean tools and equipment with water before the material hardens.

SHELF LIFE

2 years in original, unopened package

DESCRIPTION

DRY PACK GROUT is designed for use where high-strength, non-shrink characteristics are required. DRY PACK GROUT contains only natural aggregate and is designed to be mixed with minimum water for placement at a damp pack consistency where flowable, fluid or plastic grouts are not possible or desired.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Extremely cohesive at damp pack consistency
- Non-staining and similar to concrete in appearance
- Contains no chloride based or corrosive ingredients
- High compressive strengths for maximum bearing capability
- Non-shrink for long term support

PRIMARY APPLICATIONS

- Structural baseplates
- Equipment and machinery
- Precast elements

APPEARANCE

DRY PACK GROUT is a free-flowing powder designed to be mixed with a minimum amount of water. After mixing and placing, the color may initially appear much darker than the surrounding concrete. While this color will lighten up substantially as the concrete cures and dries out, the grout may always appear somewhat darker than the surrounding concrete.

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Test Method	Test Property	Result
ASTM C109M* 2 in (50 mm) cubes	Compressive Strength	1 day 2,500 psi (22 MPa) 3 days 4,000 psi (33 MPa) 7 days 6,000 psi (42 MPa) 28 days 7,000 psi (62 MPa)

*See ASTM C1107 Section 11.5

DIRECTIONS FOR USE

The contractor and engineer are encouraged to consult and review the Euclid Chemical bulletin "Cementitious Grout Application Guide". The document offers instructions detailing the general installation of cement-based grout products from The Euclid Chemical Company.

Note: If the contractor is not familiar with standard grout placement techniques, a pre-job meeting is suggested to review the project details unique to the particular job. Contact your local Euclid Chemical Company representative for additional information.

Mixing: Water content will vary depending on temperature and relative humidity, but generally will fall between 0.55 and 0.70 gal (2.08 and 2.65L) per 50 lb (22.7 kg) bag. You must use a mechanical mixer when mixing DRY PACK GROUT.

Placement: Using a ramming device with a blunt end, pack the mixed grout into the void or space with sharp, quick blows. The use of hammers or mallets may also be helpful. Build up material until the space is full. Finish exposed edges as desired. Be careful during the packing process not to knock critical plates out of alignment.

Application: See the "Cementitious Grout Application Guide" for installation means and methods.

PRECAUTIONS/LIMITATIONS

- Keep grout from freezing until it reaches a minimum strength of 4,000 psi (27.6 MPa).
- Proper curing is required.
- Do not add admixtures or fluidifiers.
- Do not use material at temperatures that may cause premature freezing.
- Store product in a dry place.
- When necessary, follow the recommendations in ACI 305R "Guide to Hot Weather Concreting" or ACI 306R "Guide to Cold Weather Concreting".
- In all cases, consult the Safety Data Sheet before use.

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