

DURA DRY PACK GROUT



NON - SHRINK STRUCTURAL GROUT

DESCRIPTION

DURA DRY PACK GROUT is a natural aggregate, high strength, non-shrink material designed specifically for mixing and placing at a damp pack consistency. When mixed with a minimum of water, it can be placed into voids and spaces where forming or containment of self-leveling grouts is not possible or desirable.

FEATURES & BENEFITS

- Extremely cohesive at damp pack consistency
- Contains no chloride based or corrosive ingredients
- High compressive strengths for maximum bearing capability
- Non-shrink for long term support

PRIMARY APPLICATIONS

- Structural base plates
- Equipment and machinery
- Anchor bolts
- Precast elements
- Honeycombing

SPECIFICATIONS / COMPLIANCES

- Meets requirements CRD C-621, Corps of Engineers specification for Non-Shrink Grout. (Note: The test method does not specifically make provision for the testing of damp pack consistencies. The procedures were modified to accommodate the placement of damp pack grout into the test mold.)
- Meets the performance requirements of ASTM C 1107-89 standard specification for packaged dry, hydraulic cement grout (nonshrinkable).

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Compressive Strength

50 mm Cubes - ASTM C-109

Age	Strength
1 day	3,000 psi (21 MPa)
3 days	5,000 psi (35 MPa)
7 days	6,500 psi (45 MPa)
28 days	8,000 psi (55 MPa)

Consistency : damp pack

DIRECTIONS FOR USE

The contractor and engineer are encouraged to consult and review the CMCI

"Application Instructions - Cementitious Grouting".

The document offers instructions detailing the general installation of cement-based grout products.

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 CMCI representative for additional information. The information given here is offered in particular support to the mixing and placing of DURA DRY PACK GROUT . This information should be used in conjunction with the Application Instructions guide mentioned above.

Mixing

Water content will vary depending on temperature and relative humidity, but generally will fall between 3.5 liter and 4 Liters per 25 kgs. 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 packaging process not to knock critical plates out of alignment.

Curing and Sealing

Proper curing procedures are important to ensure the durability and quality of the grout. Wet cure the grout for 24 hours. Then, cure the grout with a high solids curing compound, such as CEMTEC KURE N SEAL or KUREKOTE 75 VOX as described in the general grouting Application Instruction guide.

CLEAN-UP

Clean tools and equipment with water before the material hardens.

PRECAUTIONS / LIMITATIONS

- Proper curing is required
- Do not add admixtures or fluidifiers

YIELD	25 kgs bags. When mixed with 4 liter of water, this unit will yield. 0.0135 m ³ of material.
PACKAGING	DURA DRY PACK GROUT is packaged in 25kgs bags
COLOR	Contact CMCI tech dept

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.

"High Quality Construction Chemicals"
CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES
P.O. Box 7137, Dammam 31462, Saudi Arabia,
Tel: 00966-13-8471450; Fax: 00966-13-8471575
Email: tech@cmci-sa.com, Web: www.cmci-sa.com