CHEMICAL-URETHANE GROUTS

Master Format #: 03 64 00

DURAL AQUA-DAM 200F

RAPID-SETTING, HYDROPHOBIC POLYURETHANE GROUT

EUCLID CHEMICAL

PACKAGING

22 oz (650 mL) dual cartridges (case of 6)
Code: 043G 96

CLEAN UP

Use all appropriate protective equipment. Avoid contact with the active grout. A solvent based cleaner can be used to clean any tools used in this procedure.

SHELF LIFE

1 year in original, unopened cartridges

DESCRIPTION

DURAL AQUA-DAM 200F is a hydrophobic polyurethane grout packaged in a convenient dual cartridge. DURAL AQUA-DAM 200F is injected into concrete and other sound substrates to rapidly stop water from entering into occupied or unwanted places. DURAL AQUA-DAM 200F is perfect for small jobs where the use of standard pumping equipment isn't feasible or possible. DURAL AQUA-DAM 200F quickly forms a water tight seal within the substrate, with very little shrinkage after curing.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Rapid setting
- Tenacious bond to wet and dry substrates
- Does not need water to react and cure
- Remains active when the water subsides
- Excellent elongation to handle moving cracks and joints
- Very little shrinkage

PRIMARY APPLICATIONS

- Heavily leaking cracks and joints
- Basement walls
- Below grade walls subject to high water tables
- Mines & tunnels
- Sewers & manholes

TECHNICAL INFORMATION

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

Test Method	Typical Properties	Result
ASTM D1638	Viscosity @ 77 °F (25 °C)	250 cps "A" Side 500 cps "B" Side
ASTM D2127	Water Absorption (Volume Confined)	< 1%
-	Color	Amber
ASTM D1622	Density	2 lb/ft^3 (32 kg/m^3)
ASTM D1623	Elongation	5%
ASTM D1623	Tensile Strength	73 psi (0.50 MPa)
ASTM C273	Shear Strength	48 psi (0.33 MPa)
ASTM D1621	Compressive Strength	37 psi (0.26 MPa)
ASTM E84 @ 2 inches (5.1 cm)	Class I	YES

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.

DIRECTIONS FOR USE

Surface & Crack Preparation: To ensure the project is completed properly, clean the exterior of the surface so that the full extent of the crack or joint is visible. Using a wire brush or a wire wheel on a grinder, vigorously clean the crack or joint to allow maximum penetration of the grout. While typically not needed, small pilot holes can be drilled directly into the face of the crack allowing for easy insertion of the cartridge tip into the crack.

Mixing: While mixing is not necessary, shake the DURAL AQUA-DAM 200F cartridges vigorously prior to dispensing. There is a chance that some settling has occurred within the cartridge during storage.

Placement: Prior to dispensing DURAL AQUA-DAM 200F, ensure the crack or joint and any drilled holes have been flushed out with water to remove any dust or debris left behind by the preparation process. Do not remove any of the excess water. The DURAL AQUA-DAM 200F grout will use this water to react. Remove the shipping cap and plugs from the dual cartridge and place in a dispensing tool. Holding the cartridge over a waste receptacle, dispense a small amount to make sure an even amount of grout is coming out of both sides of the cartridge. Place the static mixing nozzle on the cartridge and proceed. Start at the lowest point of a vertical crack, or at either end of a horizontal crack. Place the tip of the cartridge inside the crack or pilot hole and apply slow and steady pressure to the dispensing tool. The DURAL AQUA-DAM 200F grout will enter the crack and joint and start to displace the water within. The grout will quickly start to foam up and travel up the crack. Once you observe the grout ceasing to move further up the crack, remove the tip of the cartridge from its current position, and place it at the point the grout movement stopped. Continue this action until you have reached the top or end of the crack or joint. Once cured, DURAL AQUA-DAM 200F will resemble a hardened foam. Using a margin trowel or similar scraper, remove the excess grout from the face of the crack or joint. Any topically applied, aesthetically pleasing compound can now be placed over the grouted area if desired.

PRECAUTIONS/LIMITATIONS

- Once you start dispensing the product, keep moving. DURAL AQUA-DAM 200F reacts rapidly and will set up in the nozzle if left to sit for a few seconds.
- Colder temperatures will affect the viscosity and setting times of the product.
- Avoid exceeding 90 °F (32 °C) when warming product.
- Store material at room temperature. Avoid freezing conditions.
- In all cases, consult the Safety Data Sheet before use.

Rev. 11.23

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.