



JOINT-DRI

Waterproofing Pointing Mortar

DESCRIPTION: JOINT-DRI is formulated as a pre-proportioned, cement-based repointing mortar designed for repairing defective masonry mortar joints. When mixed with potable water, JOINT-DRI produces a smooth, high strength, non-shrink, waterproof pointing mortar. It is available in a trowel grade or gun grade.

USES: JOINT-DRI is used exterior or interior, above or below grade for pointing properly prepared mortar joints in brick, stone, concrete masonry units (CMU's), terra-cotta, limestone and most other types of masonry.

COMPOSITION AND MATERIALS: JOINT-DRI is a proprietary formulation of blended Portland cements, processed and graded aggregates, waterproofing additives that, when mixed with potable water, produces a high strength, non-shrink, nonmetallic, pointing mortar.

Small amounts of additional water may be added to bring material to desired consistency. Do not aerate the mix. Mix only enough material that can be used in two (2) hours. Do not re-temper the mix after the initial mixing.

APPLICATION TECHNIQUES: Dampen areas to be repointed with potable water. Use a pointing trowel or caulking gun to force JOINT-DRI full depth into the cavity, firmly sealing the material against the sides of the joint. When JOINT-DRI has reached initial set, tool the joint to compress and seal the surface. Moist cure JOINT-DRI to allow proper hydration on extremely hot or windy conditions. Following a ten (10) day cure protect the repointed joint with the appropriate CHEMSTOP or BARACADE water repellent. Alternately the repointed joint can be protected with a decorative acrylic coating such as TAMMSCOAT.

COVERAGE: One fifty (50) pound bag will yield approximately 0.50 cubic foot of mixed material. One pound, after mixing with water, will fill approximately 17 cubic inches.

CLEAN-UP INSTRUCTIONS: Clean tools and mixing equipment with water immediately following use. Remove spills before material cures. JOINT-DRI is a cementitious product and removal is difficult it cures.

PACKAGING: 50 pounds poly-lined bags or plastic pails. (22.68 kgs.)

Storage: Protect from moisture.

Shelf Life: One year properly stored.

CAUTIONS: Do not add sand to JOINT-DRI. Compressed air for joint cleaning must be oil free. Do not retemper JOINT-DRI after initial mixing. Do not use JOINT-DRI that has been mixed longer than two (2) hours. Do not apply to frozen or frost filled masonry or when the temperature is below, or is expected to fall below, 40° F (4.5° C) within 24 hours of application. Moist cure JOINT-DRI during hot or windy weather.

ENVIRONMENTAL AND SAFETY PRECAUTIONS: Product formulation includes Portland cement and silica sand. Portland cement is highly alkaline on contact with water. IARC reports crystalline silica may

MATERIAL PROPERTIES @75°F

ASTM C266	
Initial Set, hrs.	2.0 – 2.5
Final Set, hrs.	3.5 – 4.0
ASTM C109	
Compressive Strength	
24 hours, psi	2,750
7 days, psi	5,200

COLORS: The standard color of JOINT-DRI is Mortar Gray. Contact Tamms Customer Service for availability and pricing of special colors.

SURFACE PREPARATION: Remove deteriorated, cracked, loose and defective mortar to sound material and to a minimum depth of 0.50 inches. Use potable water or an oil free air jet to clean the joint of residual dust and sand.

MIXING INSTRUCTIONS: Place the measure amount of potable water (one gallon for each 50 pound bag) into a clean container or mixer. Add JOINT-DRI and mix thoroughly to a standard mortar consistency.

cause cancer in humans. Do not breathe dust. May cause delayed lung injury (Silicosis). Irritating to eyes and skin. Avoid splashing into eyes or contact with skin. In case of eye contact, flood eyes repeatedly with potable water and call a physician. DO NOT RUB EYES. Wash skin thoroughly after handling and before smoking or eating. Use adequate ventilation.

TECHNICAL SERVICE: For application procedures or surface conditions not specified above, please contact:

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