



QUADEX
SEWER REHABILITATION PRODUCTS

DESCRIPTION:

Quadex Dynastone is a factory blended, one component fiber reinforced, cement and pozzolan mortar, enhanced with a monocrystalline quartz aggregate. Dynastone is specifically designed to provide corrosion resistant protection in a sulfuric acid environment, add structural integrity and stop the infiltration of groundwater in sewer structures. This unique formulation allows for a monolithic one-pass application up to three inches in thickness by low pressure spraying or centrifugal spinning.

RECOMMENDED FOR:

Vertical and overhead repairs to concrete or masonry sewer structures such as manholes, wetwells, pipe and treatment plant structures where acid induced corrosion is a problem.

FEATURES AND BENEFITS:

Quality controlled one-component blend for uniform results.
High early and ultimate compressive, flexural and bond strengths.
Resistant to acid attack in sulfuric Ph of one solution.
Extremely low permeability.

TYPICAL PERFORMANCE DATA:

Compressive Strength PSI (ASTM C109)
28-days >7000

Flexural Strength PSI (ASTM C293)
28-days >750

Bond Strength PSI (ASTM C882 Modified)
28-days >2000

Permeability (ASTM 1202)
28-days <350 Coulombs

Split Tensile Strength PSI (ASTM C496)
28-days >800

QUADEX DYNASTONE

**AN ACID RESISTANT
SEWER REHABILITATION MORTAR**

PACKAGING:

Quadex Dynastone is supplied in 60 lb. (27 kg.) poly-lined bags.

YIELD:

One 60-lb. bag of **Quadex Dynastone** will yield approximately .54 cu. ft. and will cover 12.5 sq. ft. at a 1 / 2 inch thickness.

PROCEDURE:

Prepare surface to be patched by removing unsound concrete, dirt, dust, oil and other debris using high pressure (3500 PSI) water blasting. Air blast excess water with an oil free air compressor. This will provide a clean, damp surface to allow for a good bond.

Use approximately 0.5 to 0.7 gallons of potable water per 60 lb. bag of **Quadex Dynastone**. First add water to mixer, start mixer to mixing and add **Quadex Dynastone** until mortar is completely mixed.

Apply **Quadex Dynastone** by low pressure spraying on vertical or overhead surfaces to a monolithic thickness of 1 / 2 to 3 inches in one pass, trowel to smooth surface.

CURING:

Cure in accordance with current ACI recommendations. Use a two coat application of a manufacturer approved water based curing compound unless the humidity is greater than 80% in the structure.

WARRANTY:

Quadex warrants its products to be free of defects in material and workmanship. **Quadex** will replace any product proved to be defective when applied in accordance with manufacturer's instructions. **Quadex's** obligation shall be limited solely to such replacement. There are no other warranties by **Quadex** expressed or implied.

PRECAUTIONS:

Avoid eye contact or prolonged contact with skin. Wash thoroughly after use. Persons using **Quadex Dynastone** should wear necessary eye protection, dusk mask and rubber gloves. Read all product labels and technical literature.