PoreTite 77

INTEGRAL WATER REPELLANT
ADMIXTURE FOR CONCRETE
&MASONRY PRODUCTS

DESCRIPTION:

PoreTite 77 is a polymeric liquid water-repellant admixture that is part of a system of polymeric admixtures mixed throughout the concrete mix of normal, medium, lightweight concrete block, and ready mixed concrete.
PoreTite 77 provides long-lasting resistance to water penetration by reacting to form a very effective water repellant network throughout masonry units and concrete. Polymeric admixtures are a proven technology and have earned a reputation for their ability to effectively prevent moisture from penetrating concrete masonry walls as well as concrete.

APPLICATIONS:

PoreTite 77 is an integral water-repellant admixture system for use in:

- Concrete block (normal, medium, and lightweight)
- Mortar
- Cast-in-place concrete
- Grout
- Paving stones
- Roofing tile
- Concrete brick
- Stucco

ADVANTAGES:

- Less maintenance and moisture damage due to water repellency
- Inhibits water transmission through hardened cast-in-place concrete

DOSAGE RATE:

PoreTite 77 is recommended for use at the following dosages:

12-25 ozs./cwt.-*Normal Weight Concrete Block* (780-1630 mL/100kg)

18-28 ozs./cwt.-*Medium Weight Concrete Block* (1175-1825 mL/100kg)

25-36 ozs./cwt.-*Lightweight Concrete Block* (1630-2350 mL/100kg)

3-4 ozs./cwt.-*Ready-Mixed Concrete* (196-327 mL/100kg)

Because local job conditions vary and optimum dosages need to be determined, contact your local Pro Mix technical service representative for further assistance to ensure proper water repellant system performance.

SPECIFICATIONS:

Conforms to:
ASTM E 514 Wind Driven Rain Resistance
ASTM C 1072, ASTM E 72 Bond Strength To Mortar
ASTM E 96 Reduced Water Vapor Transmission
ASTM C 67, ASTM C 140, ASTM C 642 Reduced Absorption Rates
ASTM C 140 Increased Compressive Strength

PRECAUTIONS:

PoreTite 77 will not correct building design flaws, out of spec materials, mix proportion errors, incorrect manufacturing procedures, or unorthodox construction practices.
Proper block manufacturing procedures, mixing, and proportioning of mixes must be incorporated.

Pro Mix Technologies cannot be responsible for incorrect use of **PoreTite 77.**

Raked joints are not permitted. Be sure to cover the top courses at the end of each workday to prevent collection of water in cores. If necessary, only use mild acid for cleanup. Do not use high pressure cleaning methods.

TECHNICAL NOTE:

Flashing and weep hole design details are available upon request.

Efflorescence occurs when excess calcium salts become soluble again from moisture in the environment around the concrete or masonry unit. External sources of moisture can be humidity, rainfall, condensation, or snow etc. When these salts become soluble, they migrate to the surface during the evaporation process, consequently, staining the surface. **PoreTite 77,** as mentioned earlier, effectively reduces moisture from penetrating the surface and may be helpful in stopping salts from becoming soluble and migrating to the surface. It is important to point out though, that the addition of **PoreTite 77** alone, will not guarantee the control of efflorescence.

PACKAGING:

55-gallon drums, 275-gallon totes, and bulk delivery.

SHELF LIFE:

12 months

P.O. Box 6 Allen, Texas 75013 (972) 772-6010 (972) 562-1822 Fax