



INTEGRAL WATERPELLER

WATER REPELLENT ADMIXTURE FOR CONCRETE AND MORTAR

EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Available in 25 lb (11.3 kg) bags

SHELF LIFE

1 year in original, unopened package.

SPECIFICATIONS/COMPLIANCES

ASTM C1384

DESCRIPTION

INTEGRAL WATERPELLER is a powdered blend of stearate water repellents and other chemicals which, when used as an admixture, forms an internal barrier against water penetration. INTEGRAL WATERPELLER also increases the plasticity of mortar, reduces water absorption and thereby guards against freeze-thaw damage. INTEGRAL WATERPELLER will not appreciably change the air content of mortar or concrete.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Reduces absorption
- Reduces capillary wicking
- Reduces vapor transmission through walls and slabs
- Provides greater workability
- Retains bond strength of mortar

PRIMARY APPLICATIONS

- Masonry mortar
- Foundation walls
- Floor slabs
- Cement stucco

PRECAUTIONS/LIMITATIONS

- INTEGRAL WATERPELLER must be protected from moisture during storage.
- In all cases, consult the Safety Data Sheet before use.

TECHNICAL INFORMATION

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

Test Results	Absorption Ratio Fed. Spec. SS-C-18lb	Relative Absorption	Concrete Absorption Total Immersion	
			10 minutes	24 hours
Plain Mortar	0.34	100%	1.28%	4.10%
Mortar with "Dry" Water- peller	0.18	535	0.60%	2.70%

DIRECTIONS FOR USE

Use 4 - 6 lb (1.8 - 2.7 kg) of INTEGRAL WATERPELLER per 1 yd³ (0.76m³) of concrete or mortar.

Add INTEGRAL WATERPELLER to concrete or mortar as follows:

Use 1 lb (0.45 kg) per 94 lb (42.7 kg) bag of cement, or 1/4 lb per bag of prepared mortar.

In cement-lime mortar the above quantities should be added for each 1 ft³ (0.03m³) of lime, in addition to the quantity added for each bag of cement. INTEGRAL WATERPELLER may be added to the mix after all other components have been added.

Clean tools and equipment with water before mortar hardens.

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