

AccuCast® WP-49

Integral Water Repellent Admixture for Concrete and Masonry Products

DESCRIPTION:

AccuCast® WP-49 is a non-chloride, non-corrosive liquid water-repellent admixture that is mixed throughout the concrete mix of normal, medium, lightweight concrete block, and other concrete products.

AccuCast® WP-49 provides resistance to water penetration by reacting with the cement to form strong water repellency throughout the masonry units and concrete structures within. Unique chemistry is proven to effectively prevent moisture from penetrating concrete masonry walls and concrete structures.

ADVANTAGES:

AccuCast® WP-49 is to be used in the following applications:

- Concrete Block (normal, medium, and lightweight)
- Paving Stones
- Roofing tile
- Concrete Brick

DOSAGE RATE:

The recommended dosage range for **AccuCast® WP-49** is 4 to 8 ounces per 100 pounds (325 to 780 ml per 100 kg) of cementitious material depending on the effectiveness desired.

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



SPECIFICATIONS:

Conforms to:

ASTM E 514 Wind Driven Rain Resistance ASTM E 96
Reduced Water Vapor Transmission ASTM C 67, ASTM
C 140, ASTM C 642 Reduced Absorption Rates

COMPATIBILITY:

AccuCast® WP-49 is compatible with all types of Portland cement, class C and F fly ash, GGBF (slag), silica fume, and approved air-entraining, water reducing, retarding and accelerating **Premiere Concrete Admixtures**. For best results, each admixture must be dispensed separately into the concrete mix.



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TECHNICAL NOTE:

AccuCast® WP-49 is to be added either together or right after the mixing water is batched into the concrete. It is important that it is not added along with other additives at the same time being this may cause a negative reaction with the concrete itself. So if you are also using different additives be sure to add the chemical in a separate sequence.

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.

AccuCast® WP-49, 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 **AccuCast® WP-49** alone, will not guarantee the control of efflorescence.

PACKAGING:

55-gallon drums and 275-gallon totes

SHELF LIFE:

36 Months from Date of Manufacture

Premiere Concrete Admixtures warrants its products to be free from defects in material and manufacture. There are no other warranties by Premiere Concrete Admixtures of any nature whatsoever, expressed or implied. This information is based on data and knowledge believed to be true and accurate at time of publication and is offered as a resource for the users of our products. Premiere Concrete Admixtures assumes no liability in the use of this information and does not warranty the results obtained for any application. Premiere Concrete Admixtures shall not be liable for damages of any sort, the use or results of this product and shall not be responsible for conditions outside its control, including but not limited to, other materials, design, inspection, workmanship and field conditions. No statement, recommendation, or other information is intended to infringe on any patent or copyright held by others.

