

AccuCast® 77

Integral Water-Repellent Admixture for Concrete and Masonry Products

PRODUCT INFORMATION

PACKAGING

Packaged in 55 gallon drums, 275 gallon totes, and in bulk.

SHELF LIFE

2 years in original unopened container.

STORAGE

AccuCast® 77 may freeze at temperatures below 35°F (2°C) and precautions should be taken to protect it from freezing.

Do not use pressurized air for agitation.

DESCRIPTION

AccuCast® 77 is a polymeric liquid water-repellent 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.

AccuCast® 77 provides long-lasting resistance to water penetration by reacting to form a very effective water repellent 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.

PERFORMANCE BENEFITS

- Inhibits water transmission through hardened cast in place concrete

DOSAGE RATES AND DIRECTIONS FOR USE

AccuCast® 77 is recommended for use at the following dosage rates:

AccuCast® 77 Recommended Dosage		
Normal Weight Concrete Block	12 – 25 oz/cwt	780-1630 mL/100kg
Medium Weight Concrete Block	18 – 28 oz/cwt	1175-1825 mL/100kg
Lightweight Concrete Block	25 – 36 oz/cwt	1630-2350 mL/100kg
<i>Dosage is per hundred-weight of cementitious material.</i>		

For best results, each admixture must be batched at separate intervals with the initial or final batch water, and should not come in direct contact with any other admixture until they are mixed in the concrete batch. Admixtures should not come in contact with any dry cementitious material.

TECHNICAL NOTES

AccuCast® 77 is compatible with Portland cements, blended cements, class C and F fly ash, slag cements, silica fume, calcium chloride, fibers, air-entraining and water-reducing admixtures. **AccuCast® 77** can be used in all white, colored, and architectural concrete.

PRECAUTIONS/LIMITATIONS

This product does not contain calcium chloride or chloride containing compounds, and any chloride ions present are in trace amounts resulting from municipal water used during the manufacturing process.

This product is compatible with most other admixtures when added to the mix separately. Always conduct trial batches, prior to job applications, to confirm compatibility and to verify mix results. Contact your technical sales representative before dosing outside of recommended ranges or for assistance with specialty applications.

In all cases, consult the safety data sheet prior to use.

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