

AccuCast™ SS455

Water Repellent and Efflorescence Control for Concrete Block

DESCRIPTION:

AccuCast™ SS455 is a specially formulated, multi-component, water repellent, strength-enhancing admixture that greatly reduces the potential for primary and secondary efflorescence in architectural block and pavers. **AccuCast™ SS455** has strong water-repelling properties that seal the capillary pores, minimizing the penetration of water into the blocks or pavers. Additional properties reduce the surface tension of the mixing water, allowing quicker wetting and more complete dispersion of the cement particles, increasing strength and durability.

BENEFITS:

- Absorption can be as low as 8% in lightweight block and as low as 2% in heavyweight block.
- Primary and secondary efflorescence will be greatly reduced or eliminated with **AccuCast™ SS455**.
- **AccuCast™ SS455** increases strength at all ages.
- Block containing **AccuCast™ SS455** has a more uniform texture and color.
- **AccuCast™ SS455** improves workability and allows better compaction, increasing production speed.
- Concrete block and pavers will have sharper and more defined edges and corners, with less chipping.
- **AccuCast™ SS455** produces a denser unit, improving the stability of green block and pavers.

RECOMMENDATIONS:

AccuCast™ SS455 is recommended for all lightweight, medium-weight, and heavyweight block where water repellency and efflorescence control is needed. **AccuCast™ SS455** is also recommended for all concrete retaining walls and pavers.

DOSAGE RATE:

The recommended dosage range for **AccuCast™ SS455** is 8 to 32 ounces per 100 pounds of cementitious material depending on the effectiveness desired.

Because local job conditions vary and optimum dosages need to be determined, contact your local Premiere Concrete Solutions Specialist for further assistance to ensure proper water repellent system performance.

DIRECTIONS FOR USE:

AccuCast™ SS455 should be added to the concrete block or paver mix after the cement and initial mixing water and thoroughly mixed.

AccuCast™ SS455 should be kept from freezing and should be stored above 8°C (45°F). If accidentally frozen, do not use and immediately contact your Premiere Concrete Solutions Specialist.

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SPECIFICATIONS:

AccuCast™ SS455 meets or exceeds all requirements of ASTM E-514 water penetration and leakage through masonry.

PACKAGING:

AccuCast™ SS455 is supplied in 205-litre (55-gallon) drums, 1000 litre (275-gallon) totes, and bulk delivery.

TECHNICAL SERVICE:

A trained Premiere Concrete Solutions Specialist is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

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