

TECHNICAL DATA SHEET



Chlorinated Setting Accelerator.



DESCRIPTION

SM5® AA1 is a setting and hardening accelerator, as well as an anti-freezing compound. When mixed with concrete or mortar, it enables concreting even under temperatures expected to drop below 0°C. **SM5® AA1** is compatible with all types of cement, except aluminate cement.

USES

Primarily used in prefabrication to accelerate mold rotation, **SM5® AA1** is also utilized on-site when fast setting and hardening of concrete are necessary, such as before cold weather conditions or to expedite the construction process.

CHARACTERISTICS

Applicable Standard:

Conforms to ASTM C 494 Type C.

INSTRUCTIONS FOR USE

Do not use with under-proportioned concrete, as lower cement content results in slower setting. Avoid using **SM5® AA1** in concrete floors where water pipes, heating pipes, or electrical conduits are embedded. Preliminary tests are recommended before using this product on-site.

DOSAGE RATES

Dosage ranges from 0.5% to 3% of the cement mass. It is recommended not to exceed 0.8% whenever steel is used in the concrete.

PRECAUTIONS

SM5® AA1 may be used in mortar renderings or coarse mortars, but these should never be applied on frozen backgrounds. If the temperature has been very low for several days, wait 4 to 5 days with positive temperatures before applying coatings.

PACKAGING

SM5® AA1 is available in 200-liter and 25-liter drums.

STORAGE

Store **SM5® AA1** for up to one year from the manufacturing date under cover, away from direct sunlight, and protected from extreme temperatures.

HEALTH & SAFETY

If the product is exposed to frost, it will recover its properties after progressive thawing and homogenization by agitation. In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting; seek medical attention immediately.

QUALITY STATEMENT

All products are manufactured in accordance with our internal QA/QC program and quality management system, ensuring consistency and quality.

DISCLAIMER

While the company guarantees its products against defects, the use and application of these products are provided without guarantee since the conditions of their application are beyond our control. Always verify that the product is suitable for the intended use and that this Data Sheet is the most recent version. The company reserves the right to modify it without prior notice. Technical characteristics are provided for guidance only.

FOR TECHNICAL SERVICES

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