

TECHNICAL DATA SHEET

SOL SA10

SOL SA10 is used to improve the early strength of concrete, particularly during winter or during emergency repair situations. It does so by accelerating the hydration rate of cement. It does not contain chloride ions and has no corrosion effect on metals. It has no significant effect on the later strength of concrete.

Typical Characteristics

Parameter	Specification
Appearance	White powder
Odor	Odorless
Density (g/cm ³)	1.05 – 1.35
pH, 10% aqueous solution	7.0 – 8.0

Application

- Suitable for construction projects with early strength requirements under normal temperature or low temperature (i.e. winter) conditions
- Works well in low temperatures for cementing in shallow layers
- Increases the early strength of cement at day 1, day 3 and day 7 - this accelerated strength gain allows quicker removal of formwork for concrete, shortening the construction period and turnaround time

Packaging and Storage

SOL SA10 is packaged in 25 kg bag or 1000 kg bag.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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