



ISOXEL 8780

Hardening Accelerating Admixture



Characteristics

ISOXEL 8780 is a hardening accelerating admixture based on anorganic salts (chloride-free), which is specially formulated to increase early strengths of concrete.

Technical Data

Additive:	Calciumformate
Density (20 °C):	$1,33 \pm 0,03 \text{ g/cm}^3$
Cl-content:	$\leq 0,10 \text{ M.-%}$
Na ₂ O-equivalent:	$\leq 1,50 \text{ M.-%}$
Colour and form:	white liquid
Recommended range of dosage:	0,2– 5,0 M.-% by weight of cement

Effects

- Acceleration of hardening process without reducing the workability period
- Increase of early strength

Application

ISOXEL 8780 is mainly used for high early strengths applications in concrete and mortar. The use of cement types containing high rate of clinker and combination with high range superplasticiser based on PCE will support the product performance.

Important note: At temperatures $< 5^\circ\text{C}$, the hydraulic reaction of cement comes to an almost complete standstill. In this case, therefore, care should be taken to ensure suitable curing.

Admission

ISOXEL 8780 is permanently subject to internal factory production control.

Storage

Storage life is 6 months from date of manufacture if stored correctly (tightly closed at $> +5^\circ\text{C}$):

- Keep storage containers and tanks **tightly closed**
- Protect product from **frost, heat and direct sunlight**

Contact

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Note: The raw materials used and the products manufactured by us are submitted to precise plant control. The content of our technical leaflet is based on three decades of experience, research and technical back up. Due to continuous development and varying applications we reserve the right to revise and improve our product. Our technical department and experts are available to give assistance on request. An advantage you should make use of!