

DeCAL 9090

Powder grade additive tailored for accelerating setting times and enhancing early strength in binder systems based on Portland cement combined with HAC or CSA cements.

Description

DeCAL 9090 is a cost effective hydration accelerator for fast set binder systems, enhancing early strengths and optimising set times. Compatible with all cement types.

DeCAL 9090 is a unique additive blend which interacts to increase set times and high early strengths in Portland cement containing either HAC or CSA.

DeCAL 9090 provides a modern alternative to the use of high alkali salts such as lithium in accelerating set times.

Mechanism of Action

DeCAL 9090 accelerates setting times and increases early strength through faster activation of the hydration process in Portland, HAC and CSA cement phases. It is compatible with all types of hydraulic binders and all types of additives.

DeCAL 9090 has a significant benefit over lithium accelerators as it reacts with the Portland, HAC and CSA elements of a cement mix. High alkali salt-based accelerators only react with the HAC and CSA elements.

DeCAL 9090 is effective in the majority of applications, however in the presence of low temperatures or where even higher early strength is desired **DeCAL 9095** is recommended due to its higher active content.

Applications

- Fast setting cementitious products
- Tile adhesives and grouts
- Self levelling floor screeds
- Concrete repair systems

Recommended Dosage

Cements: 0.1% - 0.5% on formulation weight
Tile adhesives and Floor Screeds: 0.15 - 0.2% on formulation weight

Storage and Packaging

DeCAL 9090 is supplied in 20kg net weight paper bags in palletised shrink-wrapped units.

DeCAL 9090 should be stored in cool dry conditions. Unopened bags have a minimum shelf life of 24 months.

For technical service please refer directly to Devine Chemicals technical team.

Health and Safety

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant Material Safety Data Sheet (MSDS).

We hope this information will be of value and if necessary we will be glad to offer additional technical advice. Please note that all our information is given in good faith, we can assume no responsibility for any liability incurred. Data and results should be confirmed by the Buyer by testing the product under its intended conditions of use.

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