

DeCAL

9000 Series - Auxiliary Chemicals

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9000 Series - Auxiliary Chemicals

The DeCAL 9000 Series is a diverse range of water treatment chemicals, from anti-scalant for water treatment of boilers and cooling systems to polyacrylates for thickening water-based solutions in a variety of industrial settings.

Products

DeCAL 9050

DeCAL 9050 is a screed additive combining next generation plasticiser technology with a unique pumping aid. DeCAL 9050 gives rapid drying times and high early strengths whilst allowing the screed to be pumped over long distances without a change in workability or consistency. Standard rapid drying screed additives under high internal pressures during pumping can cause issues with separation of the sand and aggregate, which results in a drop in strengths.

DeCAL 9050 prevents separation in the pipes and is not affected by latent plasticisation, maintaining the desired screed consistency after pumping. Latent plasticisation can cause an increase in workability, preventing the screed from being laid as it is too fluid. Use of DeCAL 9050 prevents this effect.

DeCAL 9050 has application in a wide range of screeds, including in underfloor heating, interior and external applications.

Benefits

- High early compressive and flexural strengths
- Enhances drying times permits foot traffic after 24 hours
- Allows pumping over long distances without change in workability and consistency

DeCAL 9051

DeCAL 9051 is an innovative screed additive which combines next generation plasticiser technology giving rapid drying times and high early strengths. It has been specifically developed to provide high early and ultimate compressive and flexural strengths in unbonded and floating screeds.

DeCAL 9051 can be used in a variety of screeds, including in underfloor heating, internal and exterior applications. DeCAL 9051 provides a fast drying screed leading to a shorter drying time to the market leading "fast drying" screeds, with low moisture over a 3-day period.

Benefits

- Enhanced drying times permit foot traffic after 24 hours
- Produces a Cat A, C40, F7 Screed, allows thinner screeds without compromising strengths
- Achieves compressive strengths of up to 60N/mm²

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DeCAL 9060 is a water-enhancing admix for semi-dry concrete products which maximises green strengths whilst maintaining optimal plant output

DeCAL 9060 is specially designed to optimise water content in semi-dry cement-based applications such as bricks, blocks, tiles and pre-cast concretes. DeCAL 9060 also benefits the user by permitting manufacturers to run plants with a high-water content which reduces down time whilst retaining green strengths and 28-day strengths. DeCAL 9060 also achieves 28 Newtons after only 7 days.

Benefits

- Improved compaction and density
- Allows addition of 25% more water
- Significantly increases output capacity

When added to semi-dry concrete, DeCAL 9060 allows additional water to be incorporated into the semi-dry concrete, without affecting workability, ensuring full hydration of the cement and increased strengths. DeCAL 9060 also contains a novel compaction aid which helps lubricate the mix, improving compaction and increasing densities. Using DeCAL 9060 can increase hydration by up to 25%. DeCAL 9060 benefits the user by allowing saturated sands and aggregates to be used.

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DeCAL 9061 is a water-enhancing admix for products which maximises green strength whilst maintaining optimal plant output

DeCAL 9061 is specially designed to optimise water content in cement-based applications such as bricks, blocks and pre-cast concretes.

DeCAL 9061 also benefits the user by permitting manufacturers to run plants with a high water content which reduces down time whilst retaining green strengths and 28 day strengths. DeCAL 9061 also achieves 28 Newtons after only 7 days.

Additionally DeCAL 9061 contains a reactive component which provides a high level of water repellence.

Benefits:

- Improved compaction and density
- Allows addition of 25% more water
- Significantly increases output capacity
- Imparts a high level of water repellence

When added to semi-dry concrete, DeCAL 9061 allows additional water to be incorporated into the semi-dry concrete, with ensuring full hydration of the cement and increased strengths. DeCAL 9061 also contains a novel compaction aid which helps improve compaction and increasing densities. Using DeCAL 9061 can increase hydration by up to 25%. DeCAL 9061 benefits the user by allowing saturated sands and aggregates to be used. DeCAL 9061 also imparts a high level of water repellence leading to drastically reduced efflorescence.

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DeCAL 9090 and DeCAL 9095 offer a cost-effective alternative to lithium carbonate

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