

DURAFAST™ BINDER

Product Description

Durafast™ Binder is a calcium sulfoaluminate (CSA) binder which offer properties such as the ability to work at lower temperatures, low expansion and sulfate resistance. When blended with Portland cement and a gypsum source, Durafast™ CSA Binder can create a high early strength, rapid setting concrete.

Suitable Applications

Durafast™ Binder Is suitable as an additive in the following applications:

- Fast setting concrete and precast products
- Self-Levelling Flooring Compounds
- Tile Adhesives, Plasters & Mortars
- Rapid setting cement
- Non-shrink Grouts
- Water plugs
- Concrete repair mortars suitable for high early strength

Performance Data

Compressive strength	1 Day	3 Day	7 Day	Set time	Specification
MPa	> 50	> 65	> 75	Initial Set	> 10 min
psi	7250	9400	10800	Final Set	< 350 min

Chemical Analysis

	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	TiO ₂	SO ₃
Typical Range	≤10.0	≤33.0	1.5-3.5	41.5-43.5	1.5-2.5	1.0-2.0	8.0-9.5
Specification	8.0-10.0	≤33.0	≤4.5	41.0-44.0	<3.0	<2.0	7.5-10.0

Handling and safety

For safe handling instructions, please consult the MSDS.

Packaging

Durafast(tm) CSA Binder is available in super sacks and 50lb bags with pallets.

Shelf life

For best use, product should be consumed within 12 months of manufacturing date.

Disclaimer:

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