



DURAFAST™

CSA | CALCIUM SULFOALUMINATE CEMENT

DURAFAST™ DRYWHITE

Product Description

Durafast™ Drywhite is a hydraulic cement binder with crack resistance, fast setting and rapid hardening properties. The clinker is produced from mixed materials including fast setting rapid hardening high belite sulfo aluminate cement (C.S.A) clinker with low content of ferric oxide, moderate amounts of gypsum (or anhydrite), slag and other active hybrid materials with fine grinding.

Applications

Durafast™ Drywhite is suitable as an additive in the following applications:

- GRC / GRFC
- Decorative mortar & concrete
- Interior and exterior wall putty
- Indoor and outdoor flooring
- Cement-based self-levelling mortar
- Artificial stone and floor
- Thin layer of concrete repair and concrete levelling material
- Crack resistant render mortars
- Exterior insulation rendering mortar, bonding mortar and tile adhesives
- Prefabricated concrete
- Building reinforcement
- High early strength non-shrink grouts
- Waterproof and water plugging materials

Advantages

- Fast setting, rapid hardening, high strength
- Micro expansion, low dry shrinkage, extremely small length change. Dry shrinkage rate is 10% of Portland cement
- Durafast™ Drywhite has very good anti-corrosion properties in sulfate, chloride, magnesium salt and seawater. Corrosion resistance coefficient >1.
- Excellent impermeability - Durafast™ Drywhite has a permeation rate 5 times lower than ordinary Portland cement
- High freeze thaw resistance properties
- Low hydration heat
- pH value is under 10.0 for GRC products
- High whiteness value, the Hunter whiteness is above 70
- Economical - Durafast™ Drywhite can be mixed with Portland, and can greatly reduce the shrinkage of Portland cement, reduce the cracks
- Ease of formulation – When making self-levelling compounds, Durafast™ Drywhite can greatly reduce the need for multiple components and as such make a more stable and easier to formulate finished product



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Technical Data | Physical Properties

Item	Blaine Fineness	Setting Time/min		28d Free Expansion Rate/%		Whiteness Value ≥
		Initial ≥	Final ≥	In Water ≥	In Air ≥	
Standard	450	15	45	0.08	-0.05	70
The properties can be adjusted if needed.						

Grade: 42.5	Compressive Strength			Flexural Strength		
	4h	7d	28d	4h	7d	28d
MPa	12.5	32.5	42.5	4.0	5.0	6.0
psi	1810	4710	6160	580	725	870

Performance Data

Performance data will vary depending on the Portland cement content and quality and is subject to the final formulation.

Handling and safety

For safe handling instructions, please consult the MSDS.

Packaging

Durafast™ Drywhite 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.

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Disclaimer:

This document is for information purposes only. Bisley International LLC disclaims liability or damages incurred from the use thereof. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made. Sales of Bisley & Company products are governed by our current Terms & Conditions, available at www.bisleyinternational.com



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