

Diloflo[®] CA-30

Polynaphthalene Sulfonate, Calcium Salt
Zero Free Formaldehyde Dispersant

Diloflo[®] CA-30

Product Bulletin

Diloflo[®] CA-30 is GEO's newest innovation of next generation naphthalene sulfonate dispersants, tailored specifically for gypsum wallboard applications.

The **Diloflo[®] CA-30** series offers state of the art performance, at competitive prices, without compromising raw material purity.

Dosage levels will normally vary from 1.0 – 6.0 lb/MSF (5 – 29 g/m²) depending on specific plant conditions. Calcium polynaphthalene sulfonates have:

Higher activity than sodium salt variants due to the absence of residual by-products. No sodium present, so

- o Higher dispersant dosages can be used without paper to core delamination
- o Less raw material cost sensitivity
- o It can be used with lower purity stuccos

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Technical Data	Typical Properties
Appearance	Clear, dark amber liquid
pH	6.0 - 8.0
Density, lb/gal	9.7 - 10.0
g/mL	1.16 - 1.20
Viscosity @ 25°C, cps	<100

Extensive testing indicates that higher levels of water reduction can be achieved with **Diloflo® CA-30** than with conventional water reducers. This high range water reduction will allow flexibility to achieve the following:

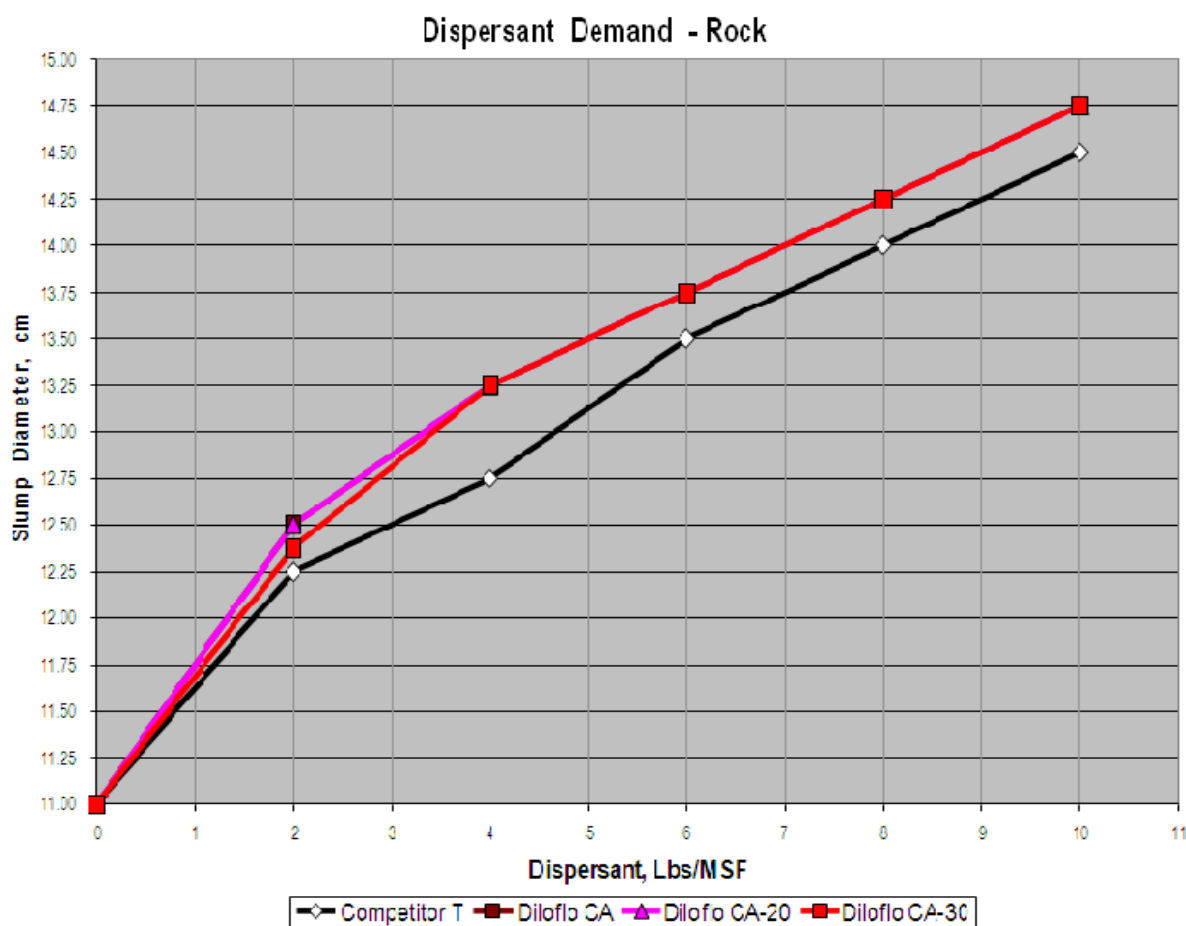
Energy savings. Greatly reduced moisture content means kiln temperatures can be reduced.

Increased line speeds.

Enhanced drying efficiency.

No retardation. **Diloflo® CA-30** will not retard, even at high dosage levels.

The combination of lower kiln temperatures, no retardation, and lower water requirements should result in stronger, more uniform board.



This information is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Typical properties should not be construed as specifications. Since the conditions of use are beyond our control we disclaim any liability, including for patent infringement, resulting from the use of these product, data or suggestions.

Packaging, Storage & Handling

Diloflo® CA-30 is shipped in bulk or 55 gallon (200 L) drums. Maintain storage at 50°F / 10°C minimum. If congealed, warm to 122°F / 50°C and mix well before using.

Additional handling information is contained in a Safety Data Sheet (SDS), which is available upon request.

Diloflo® CA-30 is classified as: Cleaning, scouring or washing compound NOI or soap, NOI liquid, or other liquid or soap powders.

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