

Diloflo[®] CA

Polynaphthalene Sulfonate, Calcium Salt
Zero Free Formaldehyde Dispersant

Diloflo[®] CA

Product Bulletin

300 Brookside Avenue
Building #23, Suite 100
Ambler, PA 19002-3436 USA
Tel: +1 215 773 9280
Toll Free 888 519 3883
Fax: +1 215 773 9424

Please send email enquiries to:
scsales@geosc.com

www.geosc.com

Diloflo[®] CA has been developed specifically for use in the manufacture of gypsum wallboard. Dosage levels will normally vary from 0.2 - 4.5 lb/MSF (1 - 22 g/m²) depending on specific plant conditions. Calcium polynaphthalene sulfonates have a higher activity than sodium salt variants due to the absence of residual by-products.

	Typical Properties
Appearance	Clear, dark amber liquid
pH	6.0 - 8.0
Na ₂ SO ₄ , dry basis % w/w	0.5 Max.
Density, lb/gal	9.9
kg/m ³	1180
Viscosity @ 25°C, cps	110
Solids, %	42

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

- ♦ Energy saving. Greatly reduced moisture content means kiln temperatures can be reduced.
- ♦ Increased production through increased line speeds.
- ♦ Enhanced drying efficiency.
- ♦ No retardation. **Diloflo® CA** will not retard, even at higher dosage levels.
- ♦ The combination of lower kiln temperatures, no retardation, and lower water requirements results in stronger, more uniform board.

Packaging, Storage & Handling

Diloflo® CA is shipped in bulk or 55 gallon (200L) drums. Maintain storage at 50F / 10C minimum.

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

Diloflo® CA is classified as: Cleaning, Scouring, or Washing Compounds NOI or Soap, NOI Liquid or other Soap Powders.

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