



Control™ PCE-GB320

CAS No.: Proprietary blend

Control™ PCE-GB320 is a next-generation polycarboxylate ether (PCE) superplasticizer designed specifically for gypsum board manufacturing. It improves slurry dispersion, reduces water demand, and significantly lowers drying energy consumption. The result is shorter drying cycles, higher production line efficiency, and reduced overall cost of board manufacturing.

KEY FEATURES

- High-efficiency water reduction and dispersion of gypsum slurry
- Reduced drying time, lowering energy costs in gypsum board kilns
- Improved board strength, density, and durability
- Prevents board edge burning, cracking, and deformation during production
- Low chloride, low alkali, non-toxic formulation

APPLICATIONS

- Paper gypsum board
- Fiber gypsum board
- Decorative gypsum board and gypsum blocks
- Specialty gypsum-based building materials where reduced energy consumption is critical

SPECIFICATIONS

Parameter	Specification
Appearance	Transparent liquid
Solid Content (%)	50 ± 1
pH Value	5.0 – 6.0
Chloride (as Cl ⁻ , %)	≤ 0.3



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia

chemport.com.au

RECOMMENDED DOSAGE

0.1–0.5% by weight of gypsum powder. Optimum dosage should be confirmed through plant trials based on raw material and equipment variations.

PACKAGING

- IBC totes
- Drums
- Bulk / flexitank options available upon request

STORAGE

Store in a dry, well-ventilated area away from direct sunlight. Keep containers sealed when not in use. Shelf life: 6 months under recommended storage conditions.

SAFETY & HANDLING

Avoid direct contact with eyes and skin. In case of contact, rinse immediately with plenty of water. Do not ingest. For detailed information, refer to the current Safety Data Sheet (SDS).