

# Chryso® Dry-Block G3 (formerly DRY-BLOCK® G3)

Integral Water Repellent

## DESCRIPTION

The **Chryso® Dry-Block System** consists of two separate admixtures. **Chryso® Dry-Block G3** is mixed throughout the concrete during manufacture of the concrete masonry unit (CMU) and **Chryso® Dry-Block Mortar** is added to the mortar.

**Chryso® Dry-Block G3** is the latest addition to the **Chryso® Dry-Block System** family of integral water repellent admixtures. Through its novel chemistry, Chryso® Dry-Block G3 provides excellent water repellency while improving colour vibrancy and controlling both primary and secondary efflorescence.

Chryso® Dry-Block G3 provides water repellency and also improves cement dispersion. Through this dispersion action, cement and pigment reductions may be possible, but testing is recommended to determine reduction potential.

Chryso® Dry-Block G3 may also allow for increased water in the concrete mix, which also promotes greater cement hydration in the CMU. Chryso® Dry-Block G3 improves the plasticity of the mix therefore eliminating the need to use a second admixture for machinability.

## ADVANTAGES

- Water repellency throughout CMU
- Minimizes primary and secondary efflorescence
- Optimized for dosage efficiency
- Improves cement and pigment dispersion
- No need for an additional plasticizer

## FIELDS OF APPLICATION

- Chryso® Dry-Block G3 may be used in plants producing architectural concrete masonry units for both single and multi-wythe masonry construction. It can also be used in grey block as a cost effective alternative to dampproofing in multi-wythe construction.

## Method of Use

### Additional Usage Recommendations

- As part of the Qualified Chryso® Dry-Block Producers Program, **Chryso®** partners with the local producer to evaluate their water repellent mix design(s). This allows **Chryso®** to offer mix design and process modifications (if necessary) and admixture dosage rate recommendations that result in the CMU meeting our stringent water repellency standards. Contact your local representative for further information.

## CHARACTERISTICS

|                                |           |
|--------------------------------|-----------|
| <b>Product Nature</b>          | Liquid    |
| <b>Color</b>                   | Blue      |
| <b>Shelf life</b>              | 12 months |
| <b>Specific gravity (25°C)</b> | 0,920     |

## PRECAUTIONS

- Chryso® Dry-Block G3 will begin to freeze at approximately 0°C (32°F), but will return to full strength after thawing and thorough mechanical agitation.

## SAFETY

Prior to any use, please read carefully the Safety Data Sheet.

## PACKAGING

- 210L Drum (55 gallons)
- IBC 1000L
- 15L Container