

Chryso® Plast RMDN

Water reducing Plasticizing admixture

DESCRIPTION

Chryso® Plast RMDN is a water-reducing plasticising admixture that improves the dispersion of cement particles within concrete. It reduces the water required to achieve a given consistence and supports cement optimisation for the required compressive strength.

By improving concrete cohesion and compaction, Chryso® Plast RMDN supports the use of harsh or gap-graded materials and allows sand content to be optimised. Reduced capillary action also produces less permeable concrete with improved strength and durability.

BENEFITS

- Reduces water content for an equivalent concrete consistence
- Increases compressive strength
- Improves concrete cohesion
- Supports sand content optimisation
- Allows increased use of harsh or gap-graded materials
- Reduces capillary action and concrete permeability
- Improves compaction
- Reduces mould wear
- Improves production rates
- Supports cement optimisation without strength loss
- Offers a versatile dosage range for a wide range of applications

FIELDS OF APPLICATION

Types of Application

- Ready-mix concrete
- Reinforced precast concrete
- Heavy precast concrete elements
- Prestressed concrete
- Pumped concrete
- Concrete produced using all cement types

Compatibility with Cements

- All cement types
- Pulverised fuel ash (PFA)
- Ground granulated blastfurnace slag (GGBS)

METHOD OF USE

Dosage :

0.2 to 0.8 kg for 100 kg of cement.

A 0.3% dosage of the product to weight of cement is commonly used.

- The optimum dosage of **CHRYSO® Plast RMDN** can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required from the concrete.
- This product is completely miscible in water.

PRECAUTIONS

- Protect from frost
- If frozen, allow the product to thaw completely and agitate thoroughly until homogeneous

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to UKCA and CE marking.
- **CHRYSO® Plast RMDN** is a plasticiser – water reducer which conforms to NF EN 934-2

SAFETY

Refer to the relevant Safety Data Sheet before use.

For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.

INDICATIVE INFORMATION

Product Nature

Liquid

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3

P.1/2

Chryso® Plast RMDN

Water reducing Plasticizing admixture

Color	Brown
Lifetime	12 months
Cl ⁻ ions content	≤ 0,100 %
Equivalent Content Na ₂ O	≤ 1,00 %
Specific gravity	1,185 ± 0,010

PACKAGING

- 215 L Barrel
- 20L Container
- Container of 1000L
- Bulk delivery on request

ADDITIONAL INFORMATION

Increasing the dosage may result in:

- Increased air content
- Retardation of set

Trials should be carried out to confirm the appropriate dosage for the concrete mix and required performance