

# Chryso® Plast RMD

Water reducing Plasticizing admixture

## DESCRIPTION

**CHRYSO® Plast RMD** is a water reducing plasticiser, which allows an increase dispersion of the cement particles in concrete.

**CHRYSO® Plast RMD** optimises the dosage of cement required to obtain a given compressive strength.

For an equivalent consistence with reduced water content:

- Increased compressive strength.
- Improved mix cohesion, allowing sand content optimisation, or increased use of harsh or gap graded materials.
- Reduced capillary action resulting in less permeable concrete.

## BENEFITS

- Improved compaction.
- Increased concrete strengths.
- Reduced mould wear.
- Improved production rates.
- Cement optimisation without strength loss.
- Wide range of applications.
- Versatile dosage range.

## FIELDS OF APPLICATION

### Types of Application

- All types of cement
- Ready-mix concrete
- Reinforced precast concrete
- Heavy precast elements
- Prestressed concrete
- Pumped concrete

## INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Cl <sup>-</sup> ions content	≤ 0,100 %
Equivalent Content Na <sub>2</sub> O	≤ 1,00 %
Specific gravity	1,185 ± 0,010

## PACKAGING

- IBC 1000L
- Bulk delivery on request

## 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 RMD** 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.

**CHRYSO® Plast RMD** is completely miscible in water and must be added to the mixing water.

## PRECAUTIONS

- Increased dosage may result in increased air content and set retardation
- Store away from frost.
- Should the product freeze, it will recover its properties after thawing and agitating.

## NORMATIVE AND REGULATORY INFORMATION

**CHRYSO® Plast RMD** is a plasticiser – water reducer which conforms to UKCA and CE marking.

## SAFETY

This product is classified as “harmless”. In case of exposure, it is recommended to wear your normal protective equipment.

## TECHNICAL DATA SHEET

# Chryso® Plast RMD

Water reducing Plasticizing admixture

UK  
PA



Chryso  
Concrete  
Solutions

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For further information, please refer to the safety data sheet on our internet site [www.uk.chryso.com](http://www.uk.chryso.com).

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. [www.chryso.uk](http://www.chryso.uk)

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