

# 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.



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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).