

# ADVA® CAST DC 600

High Range Water Reducing Admixture

## DESCRIPTION

ADVA® CAST DC 600 is a polycarboxylic high range water-reducing admixture that is specially designed for producing superior high early strength concrete in precast applications.

ADVA® CAST DC 600 has been designed for concrete that is made with very low water-cement ratios at low slump, i.e. dry-cast concrete. It contains no added Chloride. ADVA® CAST DC 600 complies with AS 1478.1-2000, Type HWR.

## BENEFITS

- Superior early strength enhancement
- High workability
- Superior surface finish without stickiness, tearing or spotty
- Superior water reduction with water content reduced by up to 30%
- Optimise precast concrete production, may remove the need for heat curing to achieve high early strength

## APPLICATION

- Precast structural elements
- Low water-cement ratio concrete in low slump ranges
- Dry-cast concrete

## INDICATIVE INFORMATION

<b>Product Nature</b>	Liquid
<b>Color</b>	Yellow
<b>Lifetime</b>	12 months
<b>Specific gravity (kg)</b>	1,060 ± 0,020
<b>pH</b>	5,55 ± 0,75

## PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

## SAFETY

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

## METHOD OF USE

### Dosage :

Dosage rates ADVA® CAST DC 600 of can vary with type of applications, but normally ranges from 300 to 1,000 ml / 100 kg of cementitious material. In most instances, the dose of 400 to 800 ml / 100 kg of cementitious material is sufficient.

Should conditions require using more than recommended dosage rates, please consult your local Chryso representative.

### Equipment :

Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

## COMPATIBILITY

- Water reducers or accelerators
- Specialty admixtures like, DCI® corrosion inhibitor, Chryso®Eclipse shrinkage-reducing admixture and V-MAR® rheology-modifying admixture
- When using admixtures in combination, each admixture should be added separately to the mix

## PRECAUTIONS

- ADVA® CAST DC 600 will begin to freeze at approximately 0°C, but will return to full strength after thawing and thorough agitation
- In storage, and for proper dispensing, ADVA® CAST DC 600 should be maintained at temperatures above 0°C