TECHNICAL DATA SHEET

Chryso Concrete Solutions

07/10/2026

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 does not contain added chloride or triethanolamine. ADVA® CAST DC 600 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- 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

Product Nature	Liquid
Color	Yellow
Lifetime	12 months
Specific gravity (kg)	1,060 ± 0,020
pH	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

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 con ducted 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.

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