

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

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

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, 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

SAFETY

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