

ADVA® CAST 700

High Range Water Reducing Admixture

DESCRIPTION

ADVA® CAST 700 is a third generation polycarboxylic high range water-reducing admixture that is specially designed for producing superior high early strength concrete in precast applications.

ADVA® CAST 700 does not contain added chloride or triethanolamine. ADVA® CAST 700 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- Slump retention
- High workability
- Superior surface finish without stickiness, tearing or spotty set
- Superior water reduction with up to 40% water reduction possibility
- Optimise precast concrete production, may eliminate the need for heat curing to achieve high early strength concrete

APPLICATION

- Low water-cement ratios in low to high slump ranges
- Precast structural elements

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Yellow
Lifetime	12 months
Specific gravity (kg)	1,070 ± 0,020
pH	5,50 ± 0,50

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 of ADVA® CAST 700 can vary with type of applications, but normally ranges from 200 to 1,000 ml / 100 kg of cementitious material. In most instances, the dose of 300 to 800 ml / 100 kg of cementitious material is sufficient. Should conditions require using more than recommended dose 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 such as Chryso®WRDA
- Speciality admixtures like accelerators, DCI® corrosion inhibitor, Chryso®Eclipse shrinkage-reducing admixture, and V-MAR® 3 rheology-modifying admixture
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- ADVA® CAST 700 contains no flammable ingredients
- ADVA® CAST 700 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 700 should be maintained at temperatures above 0°C