TECHNICAL DATA SHEET

Chryso Concrete Solutions

06/10/2026

ADVA® CAST 630

High Range Water Reducing Admixture

DESCRIPTION

ADVA® CAST 630 is a polycarboxylic high range water-reducing admixture. ADVA® CAST 630 is specially designed for producing superior high early strength concrete in precast applications.

ADVA® CAST 630 does not contain added chloride or triethanolamine. ADVA® CAST 630 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- Slump retention
- High workability, ideal for precast applications
- Superior surface finish without stickiness, tearing or spotty set
- Superior water reduction with upto 40% possibility
- Optimise precast concrete production, removes need for heat curing to gain high early strength
- Reduced costs and increased productivity

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)	1,060 ± 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 630 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 and Chryso®Eclipse shrinkage-reducing admixture
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- ADVA® CAST 630 contains no flammable ingredients
- ADVA® CAST 630 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 630 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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