

# ADVA® CAST 620

High Range Water Reducing Admixture

## DESCRIPTION

ADVA® CAST 620 is a polycarboxylic high range water-reducing admixture. ADVA® CAST 620 is specially designed for producing superior high early strength concrete in precast applications.

It contains no Chlorides and no TEA. ADVA® CAST 620 complies with AS 1478.1 2000, Type HWR.

## BENEFITS

- Slump retention
- Superior early strength enhancement
- High workability, ideal for precast applications
- 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

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

## PACKAGING

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

## METHOD OF USE

### Dosage :

Dosage rates of ADVA® CAST 620 can vary with type of applications, but normally ranges from 200 to 800 ml / 100 kg of cementitious material. In most instances, dose of 300 to 600 ml / 100 kg of cementitious material is sufficient. Should conditions require using more than recommended dosage rates, please consult your local Chryso representative.

### Equipment :

ADVA® CAST 620 requires re-circulation at regular intervals. Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

## COMPATIBILITY

- Water-reducing or accelerators
- Compatible with Polarset® NC300, Daratain® SE, 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

In storage, and for proper dispensing, ADVA® CAST 620 should be maintained at temperatures above 0°C.

## TECHNICAL DATA SHEET

# ADVA® CAST 620

High Range Water Reducing Admixture

Chryso  
Concrete  
Solutions

24/04/2026



### SAFETY

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

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 conducted 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.

14 Colebard Street West, Archerfield QLD 4108, Australia Tel.:AU: 1800 855 525 | NZ: 0800 552 235

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