

# 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

## SAFETY

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

## 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 Polaset® 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.