

ADVA® 650

High Range Water Reducing Admixture

DESCRIPTION

ADVA® 650 is the latest technology in the development of high range water-reducing superplasticizing admixtures. It is an innovative, versatile, third generation polycarboxylic ether polymer. ADVA® 650 is developed for the premix and precast

to maximise performance through a wide range of concrete strengths. ADVA® 650 does not contain added chloride or triethanolamine. ADVA® 650 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- No need for other superplasticizers on specific applications
- Produces very high slump concrete at low water-cement ratios without segregation and loss of strength
- High early strength development with reduced heat energy for curing
- Excellent slump retention properties without retardation
- Can be added at the batch plant, no need for on-site addition
- Requires less vibration for ease of placement in reinforced concrete
- Improves surface and off form finishes

APPLICATION

- Low water-cement ratio concrete with high placement slumps
- Tremie and pump mixes that require extended slump life
- Precast and prestressed applications for high early strengths and reduced heat energy for curing

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Yellow
Lifetime	12 months
Specific gravity (kg)	1,070 ± 0,005
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® 650 can vary depending on the application. However, a typical dose range is between 400 and 1,000 ml / 100 kg total cementitious materials. Higher dose rates can be considered for advanced performance. For best results, ADVA® 650 should be added to the mix water during the batching process. At a given water-cement ratio, the slump can be controlled by varying the dose rates.

It is recommended that trials are conducted beforehand to determine the optimum dose range to suit your application. If further assistance is required, please consult your local Chryso representative.

Equipment :

Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

COMPATIBILITY

- Compatible with V-MAR® 3 and most of the concrete admixtures
- When using admixtures in combination, each admixture should be added separately to the mix