TECHNICAL DATA SHEET

Chryso Concrete Solutions

03/02/2026

ADVA® 850

High Range Water Reducing Admixture

DESCRIPTION

ADVA® 850 is the latest technology in the development of high range water-reducing superplasticising admixtures. It is an innovative versatile polycarboxylic polymer developed for superior cement dispersion. ADVA® 850 contains no added Chlorides. ADVA® 850 contains no TEA.

ADVA® 850 is designed to assist in producing high performance concrete that has lower plastic viscosity & lower yield stress. ADVA® 850 complies with AS 1478.1-2000, type HWR.

BENEFITS

- Superior water reduction
- Slump retention with no retardation
- Production of lower viscosity concrete
- High compression strengths at all ages
- Improved surface and off form finishes
- Reduced vibration for placement in reinforced concrete
- Easy addition during batching process
- Eliminates the need for other superplasticisers or on-site addition

APPLICATION

- SCC type concrete
- High strength concrete
- Low water-cement ratios with high placement slumps
- Tremie and pump mixes that require extended slump life

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Yellow
Lifetime	12 months
Specific gravity (kg)	1,080 ± 0,010
pH	5,50 ± 1,00

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® 850 can vary depending on the application. A typical dose range would be between 200 to 600 ml / 100 kg total cementitious materials. Higher dose rates can be considered for advanced performance. For best results, ADVA® 850 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. 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

- Air-entrainers such as Chryso®Air
- Portland cements ; fly ash, blast furnace slag silica fume and limestone blends
- Most Chryso range of concrete admixture and V-MAR®3
- When using admixtures in combination, each admixture should be added separately to the mix

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