

ADVA® LS 800

High Range Water Reducing Admixture

Chryso
Concrete
Solutions

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DESCRIPTION

ADVA® LS 800 is a high range water-reducing admixture. It is an innovative, versatile polycarboxylic polymer developed for the premix industry to maximise performance through a wide range of concrete strengths. ADVA® LS 800 is designed to assist in producing high performance concrete that has lower plastic viscosity & lower yield stress.

These attributes assist in enabling concrete to be pumped easier and "less sticky" than concrete made with conventional superplasticizers. ADVA® LS 800 contains no added Chlorides and no TEA. ADVA® LS 800 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- Developed for concrete with wide range of strengths, eliminating the need for other superplasticisers for specific applications
- Produces very high slump concrete at low water-cement ratios without segregation and loss of strength
- High water cut and early strength development, well suited for precast
- Great 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
- Exhibits superior water reduction
- Improves surface and off form finishes

APPLICATION

- Ready-mix concrete
- Precast concrete
- Low water-cement ratio concrete 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)	1,075 ± 0,010
pH	5,50 ± 1,00

PACKAGING

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

METHOD OF USE

Dosage :

Dosage rates of ADVA® LS 800 can vary depending on the application. A typical dose range is between 300 to 800 ml / 100 kg total cementitious materials. Higher dose rates can be considered for advanced performance. For best results, ADVA® LS 800 should be added to the mix water during the batching process. At a given water to cement ratio, the slump can be controlled by varying the dosage rates. It is Chryso's recommendation 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 most Chryso concrete admixtures
- When using admixtures in combination, each admixture should be added separately to the mix

SAFETY

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