

ADVA® LS 780

New Generation, high range water reducing/
superplasticizing admixture

DESCRIPTION

ADVA® LS 780 is the latest technology in the development of high range water-reducing superplasticising admixtures. It is an innovative versatile polycarboxylic polymer developed for the premix industry to maximise performance through a wide range of concrete strengths. ADVA® LS 780 contains no added Chlorides and no TEA.

ADVA® LS 780 is designed to assist in the producing high performance concrete that has lower plastic viscosity & lower yield stress. These attributes assist in enabling concrete to be pumped easier and it is "less sticky" than concrete made with conventional superplasticisers. ADVA® LS 780 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- Extremely versatile, developed for concrete with wide range of strengths, no need for other superplasticizers on specific applications
- Produces very high slump concrete at low water-cement ratios without segregation and loss of strength
- 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 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)	1,060 ± 0,020
pH	5,50 ± 0,50

PACKAGING

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

METHOD OF USE

Dosage :

Dosage rates of ADVA® LS 780 can vary depending on the application, however a typical dose range is between 400 to 800 ml / 100 kg total cementitious materials. Higher dose rates can be considered for advanced performance. For best results, ADVA® LS 780 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 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

- Portland cements ; fly ash, blast furnace slag, silica fume, limestone blends
- Compatible with V-MAR® 3 and most of the Chryso range of concrete admixture
- 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).