

ADVA® ITM 1601

High Range Water Reducing Admixture

DESCRIPTION

ADVA® ITM 1601 is the latest technology in the development of high range water-reducing superplasticising admixtures. It is an innovative, versatile, third generation polycarboxylic ether polymer.

It is developed for the premix and precast industries to maximise performance through a wide range of concrete strengths. ADVA® ITM 1601 does not contain TEA or added chlorides. ADVA® ITM 1601 complies with AS 1478.1 – 2000 Type HWR.

BENEFITS

- Extremely versatile, developed for concrete with wide range of strengths
- Can be added at the batch plant during the batching process, no need for on-site addition
- Requires less vibration for ease of placement in reinforced concrete
- Improves surface and off form finishes
- Reduction of steam or heat energy curing to achieve high early strengths
- Produces very high slump concrete at low water-cement ratios without segregation and loss of strength

APPLICATION

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

INDICATIVE INFORMATION

Product Nature	liquid
Color	Yellow
Lifetime	12 months
Specific gravity (kg)	1,065 ± 0,010
pH	5,00 ± 1,00

PACKAGING

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

METHOD OF USE

Dosage :

Dosage rates of ADVA® ITM 1601 can vary depending on the application. However, a typical dose range is between 400 and 800 ml / kg of total cementitious materials. Higher dose rates can be considered for advanced performance. For best results, ADVA® ITM 1601 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.

Note:

It is not recommended to be used with AEA® or LS AEA® unless in specific circumstances where trials are carried out prior to us.

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 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).