

Chryso® Adva 1010

High Range Water Reducing Admixture

DESCRIPTION

Chryso® Adva 1010 represents the latest advancement in high-range water-reducing superplasticiser technology. It is an innovative and versatile admixture specifically formulated to enhance concrete mix cohesion and improve rheological properties.

Chryso® Adva 1010 helps produce stable, workable concrete with improved flow characteristics while reducing the risk of segregation. Chryso® Adva 1010 contains no added chlorides and no TEA. Chryso® Adva 1010 complies with AS 1478.1-2000, Type HWR.

BENEFITS

- Excellent water reduction capability
- Improved mix cohesion, helping to minimise segregation
- More consistent and homogeneous concrete mixes
- High compressive strengths at both early and later ages
- Improved surface finish and off-form appearance
- Reduced vibration requirements in reinforced concrete applications
- Easy integration into the batching process
- Eliminates the need for additional superplasticisers or on-site admixture additions

APPLICATION

- Self-compacting concrete (SCC)
- High-strength concrete
- Low water-cement ratio concrete requiring high slump retention
- Pumped concrete
- Tremie concrete applications

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

SAFETY

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

METHOD OF USE

Dosage :

The dosage rate of Chryso® Adva 1010 will vary depending on the application and required concrete performance. A typical dosage range is 200 to 600 ml per 100 kg of total cementitious materials. Higher dosage rates may be used where enhanced performance characteristics are required. At a given water-cement ratio, slump can be adjusted by varying the dosage rate. For project-specific recommendations, please contact 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 admixtures
- Accelerators such as Chryso® Polarset and Chryso® Daraset
- Retarders such as Chryso® Daramene
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- Chryso® Adva 1010 contains no flammable ingredients
- Chryso® Adva 1010 will freeze at approximately 0°C. However, the product will return to full performance after thawing and thorough mechanical agitation