

Chryso® Adva XR 3064

Consistency control Admixture

DESCRIPTION

Chryso®Adva XR 3064 is a high-performance superplasticiser developed for ready-mixed concrete applications where **extended consistence (slump) retention** is required in addition to high water reduction. It is suitable for a wide range of concrete types and is particularly beneficial for applications involving difficult or inaccessible pours.

Based on next-generation modified synthetic carboxylated polymers, Chryso®Adva XR 3064 improves cement dispersion, enhances concrete cohesion, and delivers reliable rheological performance. The product is manufactured under controlled conditions to ensure consistent quality and conforms to **EN 934-2**.

BENEFITS

- Delivers high-range water reduction
- Provides excellent consistence retention
- Produces high-consistence concrete with improved rheology
- Enhances concrete cohesion, reducing segregation risk
- Allows flexible dosage to achieve water reductions of **10–30%**
- Minimal impact on setting time
- Improves compressive strength, impermeability, and durability
- Dose-efficient performance

FIELDS OF APPLICATION

Chryso®Adva XR 3064 is suitable for:

- Ready-mix concrete
- High-consistence and flowing concrete
- Concrete requiring extended workability retention
- Concrete placed in congested reinforcement or difficult-access areas

The product is compatible with most Portland cements and is effective in concretes containing fly ash, GGBS, or silica fume. For use with special cements, consult Chryso Technical Services.

Chryso®Adva XR 3064 must not be premixed with other admixtures.

- Each admixture must be added separately into the mix
- Performance may be affected by the presence of other chemical admixtures

Consult Chryso Technical Services when using combined admixture systems.

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Amber
Lifetime	12 months
Cl ⁻ ions content	≤ 0,010 %
Equivalent Content Na ₂ O	≤ 1,00 %

METHOD OF USE

Dosage :

Typical dosage range:

- **400 – 1,200 ml per 100 kg of cement**
- Equivalent to **0.40 – 1.20%** by weight of cement

As a guide for initial trials, an addition rate of **0.50 – 0.70%** by weight of cement is recommended. Optimum dosage should be determined through trials using actual materials and site conditions.

Chryso®Adva XR 3064 is supplied ready for use.

- Add the admixture with part of the batching water after the addition of cementitious materials
- After addition, a further mixing cycle of **approximately two minutes** is recommended to ensure full dispersion

Automatic dispensing equipment is preferred for accurate and consistent dosing.

PRECAUTIONS

- Store away from extremes of temperature
- Protect from frost
- Keep containers sealed and out of direct sunlight

If frozen, allow the product to thaw completely and remix thoroughly before use.

SAFETY

For health, safety, and environmental information, refer to the relevant **Safety Data Sheet**.

Standard chemical handling precautions apply. Avoid contact with skin and eyes. Suitable personal protective equipment should be worn.

For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.

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Specific gravity	1,053
Air Entrainment	1.0%

PACKAGING

- 15L Container
- Drum 205L
- Container of 1000L
- Bulk delivery on request

ADDITIONAL INFORMATION

The effects of overdosing depend on the degree of overdose.

- Increased consistence may occur and segregation may be induced
- Extended setting times may occur, especially in cold conditions or when using sulphate-resisting cements or cement replacement materials

Where overdosing is suspected, the concrete should be assessed in its plastic state, with particular attention to consistency and cohesiveness before use.