



CHRYSO[®]Plast AP

Plasticizer - Air entraining agent



DESCRIPTION

CHRYSO[®]Plast AP is a water reducing plasticizer, having air entraining property.

CHRYSO[®]Plast AP is a non chloride formulation, specially designed for the manufacture of air entrained concretes.

CHRYSO[®]Plast AP provides increased durability and resistance to damage from frost and de-icing salts.

CHRYSO[®]Plast AP used in dry precast, favour the filling of the concrete moulds as the time of previbration is decreased, immediate demoulding gives a closed surface finish with a wet aspect and without any lifting.

Characteristics

- ◆ Nature: liquid
- ◆ Density: 1.17 ± 0.01
- ◆ Colour: brown
- ◆ pH: 4 ± 1
- ◆ Freezing point: -2°C approx.
- ◆ Cl⁻ ions content: nil to BS 5075
- ◆ Na₂O equiv.: $\leq 1\%$
- ◆ Dry extract EN480-8: $38,0 \pm 1,9\%$
- ◆ Dry extract 24h -105°C : $37 \pm 1,8\%$

Packaging

Bulk
Barrels: 215 Litres

Conformity

CHRYSO[®]Plast AP is an air entraining agent which conforms to CE marking. The appropriate declaration can be found on our internet site.

METHOD OF USE

Applications

- All types of cement.
- Ready mixed concrete in air entrained concretes.
- Paving blocks and paving stones.
- Precast kerbs.
- All precast elements using immediate demoulding.

Directions for use

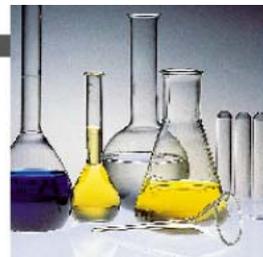
Dosage : 0.2 to 0.6 kg per 100 kg of cement. A 0.3% dosage of the product to the weight of cement is commonly used.

The optimum dosage of **CHRYSO[®]Plast AP** can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required from the concrete.

CHRYSO[®]Plast AP is completely miscible in water. It must be added to the mixing water.

Precautions

- After freezing and thawing, its properties can be recovered by agitation.
- The shelf life for **CHRYSO[®]Plast AP** is 18 months.



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SAFETY

CHRYSO[®]Plast AP is a product classified as « harmless ». It is recommended to wear normal protective equipment.

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

The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.

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