

Chryso® Stab P120

Air entraining admixture
for masonry mortars

DESCRIPTION

Chryso® Stab P120 is an air-entraining admixture specifically developed for the production of low-density concretes and mortars for void fill and backfill applications. It enables controlled air entrainment to significantly reduce concrete and mortar density.

Supplied in a powder form with water-soluble packaging, Chryso® Stab P120 allows easy and accurate dosing at either the batching plant or job site. It entrains stable air contents of up to **30%** and is compatible with most UK cements.

BENEFITS

- Enables production of low-density concrete and mortar
- Entrained stable air contents up to 30%
- Supplied in easy-dose, water-soluble sachets
- Suitable for batching plant or site use
- Simplifies dosing and handling
- Effective for void fill and backfill applications

FIELDS OF APPLICATION

Chryso® Stab P120 is suitable for:

- Low-density void fill concretes
- Backfill concretes and mortars

The product is compatible with most UK cement types. Some cement types, particularly those containing PFA, may reduce performance and should be assessed through trial mixes.

INDICATIVE INFORMATION

Product Nature	Dry powder
Color	White
Lifetime	24 months

SPECIFICATIONS

Cl⁻ Ions content	≤ 0,100 %
Equivalent Content Na₂O	≤ 3,50 %
Specific gravity	1,190 ± 0,010
pH	7,00 ± 1,00
Dry Extract (SYNAD - IFSTTAR)	35,80 % ± 1,70

PACKAGING

- Sachet

METHOD OF USE

Dosage :

Typical dosage: **1 sachet (100 g) per m³ of concrete or mortar**

- The optimum dosage of this product can only be established after trial tests, taking into account the rheological properties, the strength performances and factors acting on workability.
- This product must be added to the mixer with the mixing water.
- The product and its packaging are completely miscible in water
- Addition at the batching plant is recommended to aid dispersion

If added directly to a truck mixer at site, the drum should be rotated at high speed until a homogeneous mix is achieved.

Increased dosage may result in excessive air entrainment and reduced compressive strength.

Chryso® Stab P120 is **not suitable for use in volumetric mixers**.

Trial mixes must be carried out to confirm performance and suitability with local materials and mix designs. Chryso Technical Services are available to assist throughout the trial process.

PRECAUTIONS

- Protect from frost.
- Avoid prolonged exposure to high temperatures.
- Protect from humidity.

SAFETY

Chryso® Stab P120 is classified as **harmless**.

Normal personal protective equipment is recommended. For further information, refer to the relevant Safety Data Sheet.

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