

# Chryso Alpha 18

Water reducing Plasticizing admixture

## DESCRIPTION

CHRYSO®Alpha 18 is a new generation plasticizer. Its molecular structure has been especially designed to give it exceptional properties when used in dry or very low workability (VLW) concretes. Through its plasticising and dispersing ability, CHRYSO®Alpha 18 improves compaction and hence increase the packingability in the concrete. The concrete then get a denser structure and thus also reduces the capillary absorption.

CHRYSO®Alpha 18 increases production rates when manufacturing products with VLW concrete (i.e. block pavers). After immediate demoulding, concrete using CHRYSO®Alpha 18 exhibits a closed surface finish with a wet aspect and without surface tearing off. CHRYSO®Alpha 18 has a wide dosage range, which facilitates its use in a wide variety of concretes.

## FIELDS OF APPLICATION

- All cement types
- Kerbs
- Pipes
- Slabs
- Blocks
- Hollow-core slabs
- All kinds of immediate mould-release elements

## INDICATIVE INFORMATION

## METHOD OF USE

- A dosage from 0.4% to 0.7% of the product of the weight of cement is commonly used.
- This product is completely miscible in water.
- This product must be added to the mixer with the mixing water.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.

### Dosage:

0.25 to 1.5 kg for 100 kg of cement.

## PRECAUTIONS

- Protect from frost.

## SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.