



SUPERPLASTICIZER FOR UNIVERSAL USE.



### PRODUCT DESCRIPTION

Betofluid PCE 100 XR is an economical superplasticizer for high-quality concretes with high early strengths.

### FIELD OF APPLICATION

- cast concrete with consistency grades S4 and S5
- self-compacting concrete
- high strength concrete
- visible concrete.

### CHARACTERISTICS

- Better dispersion of fine particles and cement
- Less friction between cement particles and aggregate grains
- Lower need for water
- Accelerated ventilation of embedded concrete by optimally maintaining consistency and thus the ideal length of processing time
- low water-cement ratios thanks to strong water reduction and thus high early concrete strength
- liquid consistency thanks to the strong reduction of water and thus significantly reducing installation, compaction and finishing time concrete processing.

### APPLICATION PROCEDURE

Betofluid PCE 100 XR is either added simultaneously with the water. Betofluid PCE 100 XR may be combined with many other products and is compatible with all types of cements and cementitious materials.

### DOSAGE

0.2 - 2.5 % by weight of cement.

The retardation rate achieved is directly dependent on the dosage rate which in turn is influenced by quality of cement and aggregates, w/c ratio and temperatures. It is advisable to carry out trial mixes to finalize the optimum dosage rate.

### PACKAGING

Betofluid PCE 100 XR is supplied in:

- 1 kg plastic can
- 5 kg plastic can
- 10 kg plastic can
- 1000 kg plastic can

### SHELF LIFE-STORAGE

Original sealed packaging of this product is guaranteed to be of first quality for 12 months if stored in a dry area. The high humidity will reduce the shelf life of the bagged product.

### SAFETY INSTRUCTION

BETOFLUID PCE 100 XR is not considered dangerous according to the current regulation regarding the classification of mixtures. It is recommended to wear gloves and goggles and to take the usual precautions taken for the handling of chemicals. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet. PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA

### Product identity

Composition	Modified polycarboxylate polymers
Appearance	Liquid
Colour	Yellow
Density	1.05 kg/Lt at +20°C
Equivalent sodium oxide	≤ 0,5%
Total chloride ion content	≤ 0,10 %
pH-Value	approx. 4



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