



SYNTHETIC AIR-ENTRAINING AGENT FOR CONCRETE WITH RESISTANCE TO FREEZING/THAWING AND DE-ICING SALTS.



## PRODUCT DESCRIPTION

Aircon 4 is utilized for the manufacture of mortar and concrete with high resistance to freezing/thawing and de-icing salts. Even under difficult conditions such as e.g. in concrete road construction, the desired air pore content is securely achieved..

## FIELD OF APPLICATION

- Concrete road construction and bridge construction
- Road surfacing concrete
- Cap concrete
- Ready-mixed concrete with long traveling distances
- Air-entrained concrete in conjunction with plasticizers and super plasticizers
- Mixtures with low content of ultra-fines to improve workability
- Screeds
- Ready-mixed mortar.

## CHARACTERISTICS

- Expansion possibility for freezing water
- Reduction of the capillary suction effect
- Substitute of fines
- A high resistance to freezing/thawing and de-icing salts
- Reduced capillary water absorption
- Improved workability
- High resistance to freezing/thawing and de-icing salts even under difficult conditions
- No rising to the surface even in very flow able concretes
- Low influence on the compressive strength.

## APPLICATION PROCEDURE

Aircon 4 is either added simultaneously with the water of the concrete mix or as the last addition and should be at least 60 seconds.

## DOSAGE

0.2 - 0.8 % of the cement mass.

## PACKAGING

Aircon 4 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

AIRCON 4 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	Synthetic surfactants
Appearance	Liquid
Colour	Brown
Density	1 kg/Lt at +20°C
Equivalent sodium oxide	≤ 0.5%
Total chloride ion content	≤ 0.10 %
pH-Value	approx. 7



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