



HOLLOW POLYMER MICROSPHERES FOR ARTIFICIAL AIR PORES IN CONCRETE TO INCREASE FREEZE-THAW RESISTANCE.



PRODUCT DESCRIPTION

Aircon P can be utilized instead of air-entraining agents for the reliable production of mortar and concrete with high resistance to freezing/thawing and deicing salts.

FIELD OF APPLICATION

- Components of bridges, road and hydraulic construction
- Concretes with high compressive strength and high resistance to freezing/thawing and de-icing salts
- Very flow able concretes for products where the air pore stability is difficult
- Very rigid concretes where air pore introduction is difficult
- Sprayed concrete with high resistance to freezing/thawing and de-icing salts
- For long transportation times or pumping pipelines and/or use strong-acting compression devices.

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 P should be added with the aggregates and in any case before adding the super plasticizer.

DOSAGE

- 3.5 kg/m³ with concrete according to DIN EN 206-1/DIN 1045-2
- 7 kg/m³ with sprayed concrete according to DIN 18551.

PACKAGING

Original sealed packaging of this product is guaranteed to be of first quality for 60 months if stored in a dry area. The high humidity will reduce the shelf life of the bagged product.

SHELF LIFE-STORAGE

AIRCON P 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	Acrylonitrile polymer
Appearance	Paste
Colour	White
Density	0.2 kg/Lt at +20°C
Equivalent sodium oxide	≤ 0.5%

WARNING

Danger. Contains Portland Cement: Chromium VI < 2 ppm within the validity period of the product. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. P261 Avoid breathing dust. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF IN CONTACT WITH YOUR SKIN: Wash with plenty of water/... P305 + P351 + P338 IF IN CONTACT WITH YOUR EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor/...



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