



## Air Entraining Agent LP 95 C - Concentrate

### Product

**alphalt Air Entraining Agent LP 95 C** is a liquid air-entraining agent **concentrate** for concrete and mortar.

### Features

- generation of small and stable air bubbles
- improved workability, esp. with low contents of fines in the mix
- increased strength at low bulk densities with lightweight blocks, esp. with expanded clay aggregate

### Application

- concrete with high freeze-thaw resistance
- concrete with high resistance to freeze-thaw with de-icing salts
- concrete with low contents of fines in the mix
- pumped concrete
- lightweight concrete blocks

### Dosage

**0,03 - 0,20 % per cent of cement = 0,3 - 2 ml/kg of cement**

The amount of air entrained depends on several factors, such as type of cement, cement composition, mix design, ambient temperature, mixing time etc. Therefore the correct dosage for a desired air content has to be evaluated in a preliminary trial.

The amount of air entrained is approximately proportional to the dosage used. Since varying mixing times will result in varying air contents, try to keep mixing times constant.

During production of air-entrained concrete the air content should be checked regularly, e.g. with the pressure method described in ASTM C231.

### Instructions for Use

**alphalt Air Entraining Agent LP95C** has to be added together with the mixing water or directly into the finished base mix. The mixing time after the addition of the admixture should not be less than one minute.

Preliminary trials have to be conducted before actually introducing the product into a functional concrete mix.

Review MSDS before use.

### Technical Data

Form:	liquid
Colour:	amber
Density:	1,02 ± 0,01 kg/litre
Chloride:	less than 0.1 M.%
Storage:	protect from frost
Shelf life:	1 year in original packaging
Quality Control:	in our own laboratories

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