

Technical Datasheet

POROLIT-LP

Air entraining admixture for concrete

Description

Air entraining agent for concrete in liquid form. POROLIT-LP promotes the uniform distribution of microscopic air bubbles throughout the cement matrix. It is offering the following advantages:

- Increases the strength of concrete in frost conditions.
- Facilitates compaction of concrete, reduces segregation and significantly improves workability and pumpability.
- Reduces the water required and the resulting water/cement ratio.

Certified with the CE marking as an air entraining admixture, according to EN 934-2:T5, certificate number: 0906-CPR-02412007/01.

Fields of Application

POROLIT-LP is a necessary aid for preparing high strength concrete in frost conditions. It is suitable for concrete roads for vehicles or airplane runways, for dams, bridges etc.

Technical data

Color:	light brown
Density:	1.01 ± 0.05 kg/l
Viscosity:	21 mPa·s
pH:	11.00 ± 1.00

Directions for use

POROLIT-LP is added in the mixing water.

Dosage

0.02-0.05 kg per 100 kg cement.

Packaging

POROLIT-LP is supplied in plastic containers of 20 kg, drums of 220 kg and tanks of 1000 kg.

Shelf-life - Storage

Shelf-life in sealed containers is 18 months from production date, in frost-free conditions.

Remarks

An excessive dosage may affect negatively the final strength.



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EN 934-2:2009+A1:2012

DoP No.: POROLIT-LP/1632-03

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Air entraining admixture for concrete
EN 934-2: T.5

Max chloride content: chloride free

Max alkali content: ≤ 2.0 % by weight

Corrosive behavior: contains components only from
EN 934-1:2008, Annex A.1

Dangerous substances: compliance

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