

Technical Data Sheet - USLPore® AC S 100

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Product specification

Trade name: USLPore® AC S 100

Product description:

USLPore® AC S 100 is solely developed for the joint use of USLPore® protein based foaming agents for the manufacturing of USLPore® foamed concrete. USLPore® AC S 100 accelerates the cement setting and hydrating. As a result the early compressive strength of the manufactured USLPore® Aerated Concrete can be increased on average by 30 %. For this reason USLPore® AC S 100 is especially suitable for the cast in situ application of foamed concrete.

Physical Data

Composition:	light blue liquid
Density:	1.20 – 1.35 g/ml
pH-Value (original):	8.50 – 9.50
pH-Value (10 g/l):	7.00 – 8.00
pH-Value (1 g/l):	7.00 – 8.00
Electrolytical conductivity (original):	180.0 – 200.0 mS/cm
Electrolytical conductivity (10 g/l):	6.00 – 7.00 mS/cm
Electrolytical conductivity (1 g/l):	1.20 – 1.50 mS/cm

Active Agents Content

Average Value	35 %
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Special Properties

USLPore® AC S 100 is frost-resistant. Nevertheless, a storage temperature above 5°C is recommended.

Application

USLPore® AC S 100 has to be dosed always in relation to the cement quantity.

Dosing range: 1 - 15 % on cement

Recommended dosing: 3 % on cement

The optimum effect and dosing depends on the cement quality and shall be tested out by the end user.

USLPore® AC S 100 is recommended to be used for cast in situ wall fillings. The product is stabilizing the foamed concrete up to a wall height of 3 meters and is avoiding any sedimentation.

The information contained in this product specification is based on our current state of knowledge and experience. It does not free the user from making his own tests and trial applications. A legally binding assurance of certain properties cannot be inferred from this information. Any existing patent rights as well as any pertinent legal regulations must be observed by the recipient of our products under his own responsibility.