



TECHNICAL DATA SHEET

Product: LithoFoam® NWF NT

Version:02/2016

1. Produkt Specification

Trade name: *LithoFoam® NWF NT*

Produkt description:

LithoFoam® NWF NT is solely developed for the joint use of LithoFoam® protein based foaming agents for the manufacturing of LithoPore® foamed concrete. LithoFoam® NWF NT is curing the LithoFoam® proteins and forming a strong interlink between the protein molecules through metal ions. As a result the compressive strength of the manufactured foamed concrete LithoPore® can be increased on average by 30 %. For this reason LithoFoam® NWF NT is especially suitable for the cast in situ application of foamed concrete. Alternatively the cement quantity can be reduced by 30 % on average to save costs without reducing the compressive strength.

2. Physical Data

Composition:	light red liquid
Density:	1.10 – 1.40 g/ml
pH-Value (original):	7.15-7.35
pH-Value (10 g/l):	7.45-7.75
pH-Value (1 g/l):	7.45-7.75
Electrolytical conductivity (original):	0.65-0.80 mS/cm
Electrolytical conductivity (10 g/l):	0.70-0.90 mS/cm
Electrolytical conductivity (1 g/l):	0.70-0.90 mS/cm

3. Active Agents Content

Average Value	33 %
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4. Special Properties

LithoFoam® NWF NT is frost-resistant. Nevertheless, a storage temperature above 5°C is recommended. The product is stored at room temperature of less than 25 °C, 1 year storable.

5. Application

LithoFoam® NWF NT has to be dosage always in relation to the cement quantity.

Dosing range: 15-20 % per cement

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

LithoFoam® NWF NT 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.



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