



TECHNICAL DATA SHEET

Product: LithoFoam® MRF 2000-S

Version:02/2016

1. Produkt Specification

Trade name: **LithoFoam® MRF 2000-S**

Produkt description:

LithoFoam® MRF 2000-S is solely developed for the joint use of **LithoFoam®** protein based foaming agents for the manufacturing of **LithoPore®** foamed concrete. The use of the sugar polymer with incorporated molecular inorganic silicate active elements leads to a stabilization of the foam / binder matrix and thus increases the strength of **LithoPore®** foamed concrete, reduces shrinkage and prevents cracking.

2. Physical Data

3. Composition:	white solid
4. Density:	0.10 – 0.30 g/ml
5. pH-Value (10 g/l):	7.00-8.00
6. pH-Value (1 g/l):	7.00-8.00
7. Electrolytical conductivity (10 g/l):	0.5-0.8 mS/cm
8. Electrolytical conductivity (1 g/l):	0.5-0.8 mS/cm

9. Active Agents Content

Average Value 95 %

10. Special Properties

LithoFoam® MRF 2000-S is frost-resistant.

The product is stored at room temperature below 25 ° C, at least 5 years.

11. Application

The use of of **LithoFoam® MRF 2000-S** is recommended in particular in the low density range of **LithoPore®**. The product is to dose in the form of a water-product suspension in the ratio 1 part product to 33 parts water to ensure an optimum distribution in the production of **LithoPore®**.

Dosing recommendation:

Water-Product suspension:	20-60 kg per cubic meter of LithoPore®
Product:	0.6-1.8 kg per cubic meter of LithoPore®



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