



## TECHNICAL DATA SHEET

version 06.2011

*LithoFoam MRF 2000-S* page 1/1

### 1. Product Specification

Trade Name: **LithoFoam MRF 2000-S**

Product 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

Composition:	white solid
Density:	0.10 – 0.30 g/ml
pH-Value (10 g/l):	7.00-8.00
pH-Value (1 g/l):	7.00-8.00
Electrolytical conductivity (10 g/l):	0.5-0.8 mS/cm
Electrolytical conductivity (1 g/l):	0.5-0.8 mS/cm

### 3. Active Agents Content

Average value 95 %

### 4. Special Properties

**LithoFoam MRF 2000-S** is frost-resistant. The product is stored at room temperature below 25 °C, at least 1 year.

### 5. General Information, Application

The use 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®**.

#### Dosage Recommendation

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

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.

