

SiSiB® DF1081 Powder Silicone Defoamer

INTRODUCTION

SiSiB® DF1081 is a free-flowing powder designed as a defoaming additive for cementitious formulations. It contains a finely dispersed silica-based active ingredient, providing effective defoaming properties.

SiSiB® DF1081 offers good storage stability and releases its active ingredient when water is added.

SiSiB® DF1081 is suitable for applications requiring controlled air entrainment during mixing.

BENEFITS

- Free-flowing white powder
- Easy to disperse in water
- Easy to mix in powered composition
- Can be added at levels ranging from 0.1 to 0.5 weight %
- Prevents air entrainment in mortars
- Minimal impact on the mechanical properties of set mortars
- Limited effect on the ease of use of dry mixes

PHYSICAL PROPERTIES

Appearance	White powder
Composition	Silicone-based
Active substance	Min. 25%
Water soluble	Easily dispersed in water

APPLICATIONS

SiSiB® DF1081 Powdered Defoamer is suitable for use in cement, gypsum, mortar, slurry, and other building materials. It is added to cement-based compositions to control air entrainment during the mixing step and is particularly useful in formulations containing superplasticizers.

RECOMMENDED DOSAGE

SiSiB® DF1081 Powdered Defoamer is intended to be incorporated into the dry ingredients of cement-based compositions. Typical usage ranges from 0.1% to 0.5% by weight in the dry mix. Optimum addition levels should be evaluated in the laboratory.

PACKING

SiSiB® DF1081 is supplied in 25Kg bags.

HANDLING

This document does not contain the product safety information required for

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safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

Stored in a dry and ventilated environment, SiSiB[®] DF1081 has a shelf life of one year.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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