



Product information sheet

# EXPELAIR DF2000

Expelair DF2000 is a high performance, powdered defoaming additive designed to reduce the development of unwanted entrapped air in a wide range of drymix mortar applications.

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# DESCRIPTION

Expelair DF2000 is a specially formulated, high-performance powder defoamer with excellent solubility that has been designed to effectively remove unwanted entrapped air generated during processing, mixing and application of a wide range of drymix mortar formulations.

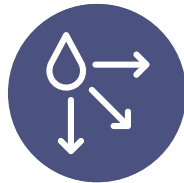
Expelair DF2000, greatly improves the workability of drymix mortars whilst significantly increasing the fresh density and mechanical strengths. Expelair DF2000 provides improved durability and can reduce surface defects.

## BENEFITS

Key benefits of Expelair DF2000 are:



**EFFECTIVE  
DEFOAMING PROPERTIES**



**EXCELLENT SOLUBILITY AND  
FAST DISSOLUTION RATES**



**IMPROVED FLOW  
AND WORKABILITY**



**HIGHER FINAL  
STRENGTHS**

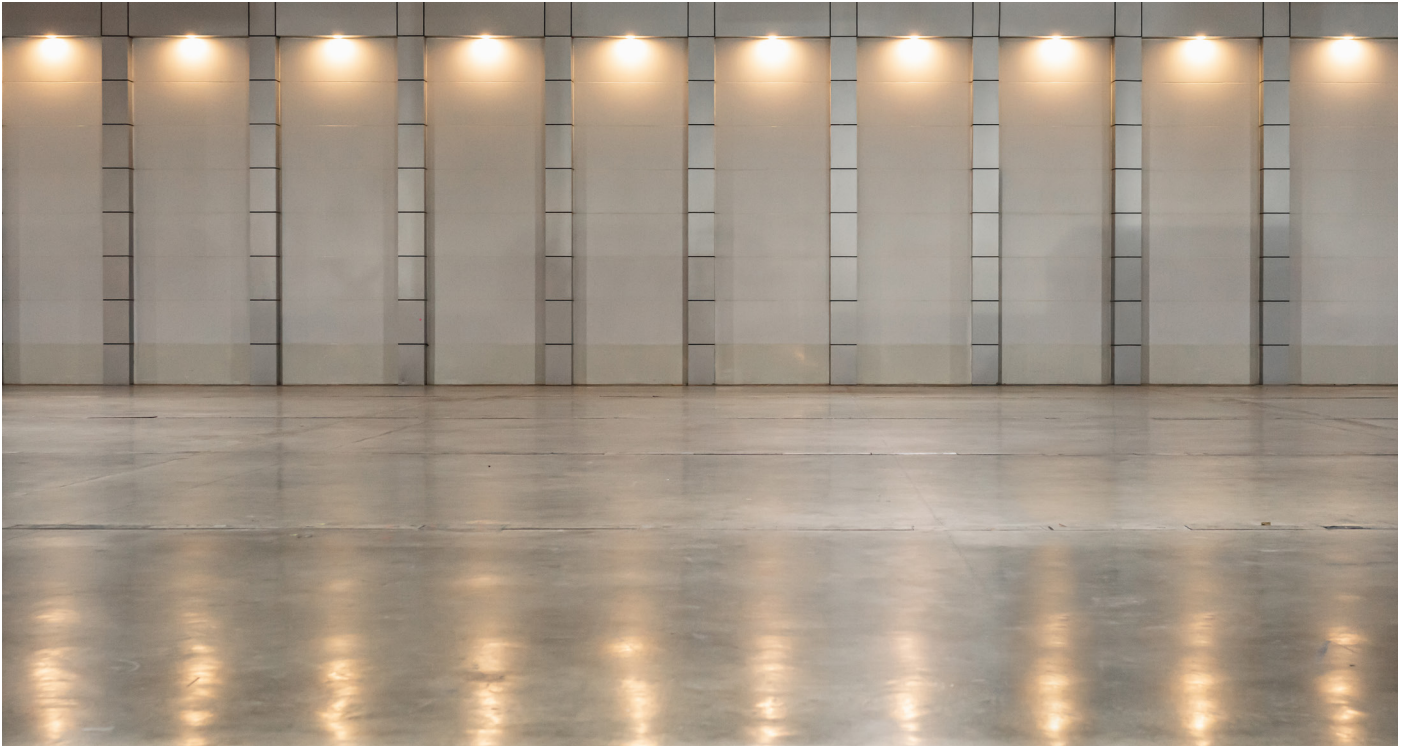


**ENHANCED SURFACE  
APPEARANCE**



**HIGHLY EFFECTIVE AT  
LOW ADDITION RATES**





# APPLICATIONS

Expelair DF2000 has been formulated to be used in multiple applications including; high performance self levelling underlayments, flowable screeds, mortars and construction grouts.

Expelair DF2000 can be used on its own or together with Cemkem's comprehensive drymix mortar additive range\*

*\* See Lithkem, Revokem, Kemplast, Celopro and Cemkem SRA.*

# ADDITION RATES

The optimum dosage will be dependent on mix design, processes, and raw materials.

For typical drymix mortar applications;

**- 0.05% - 0.3% by weight of powder. \***

*\*The optimum dose should be determined by completing appropriate laboratory trials.*





# STORAGE

Expelair DF2000 should be kept dry and between 5°C and 30°C, avoiding extremes of temperature. Avoid freezing and do not store in direct sunlight.

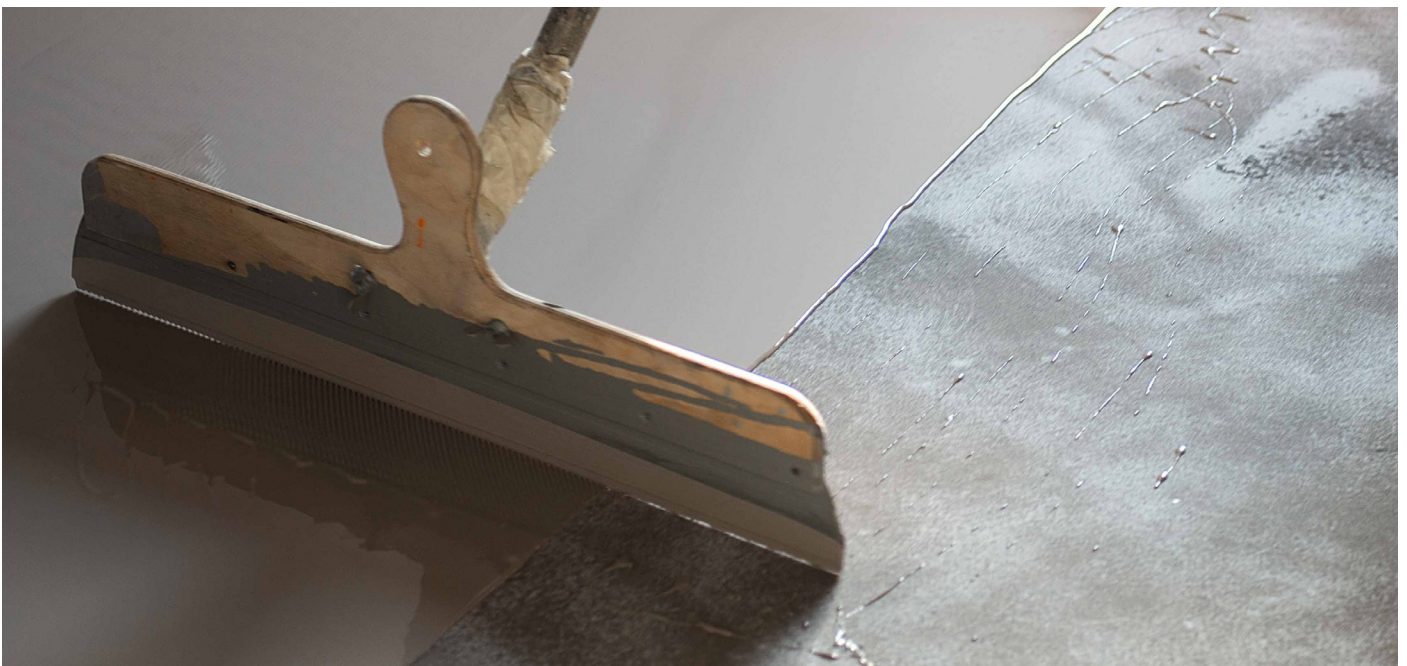
If stored correctly in original packaging, this product has a minimum shelf life of 24 months.

# PACKAGING

Expelair DF2000 is supplied in 25kg bags.

# HANDLING

Full MSDS available on request. Avoid contact with skin and eyes. Protective goggles, gloves and dust masks should be worn at all times. The product is not classified, according to the CLP regulation.



## TECHNICAL DATA

Appearance	White/off - white powder
Bulk Density (g/ml)	Approx. 0.6
Particle Size	<400µm
Ash Content	<50%

Cemkem is part of the Rakem Group. The Group specialises in the distribution of raw materials and formulated products to the coatings, construction and chemical industry.



Chemical distributor to  
the coatings, plastics and  
inks sector



Confidential toll  
manufacturer of water-  
based products



Specialist distributor to  
the cement and  
horticulture sector

With over 20 years experience within the construction industry, Cemkem's product portfolio has been formulated to enhance and improve construction products, with the aim to benefit the manufacturer, the customer and most importantly the end-user. The Group aims for consistent and constant development across all raw materials and finished products.