



Product Information Sheet

REVOKEM RP1000

Revokem RP1000 is a specially formulated, set retarding additive in fine powder form, designed to control open and set times in a wide range of drymix mortar applications.

Cemkem Ltd
Wellington Street
Bury BL8 2BD
United Kingdom
sales@cemkem.co.uk
+44 (0) 161 762 0044

DESCRIPTION

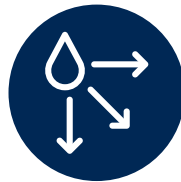
Revokem RP1000 has been formulated to provide improved open and set time control for fast setting drymix mortar formulations.

Revokem RP1000 is a blend of specially selected organic acids and salts, which have been processed to produce a fine, free flowing powder which allows for efficient dispersion in cementitious and gypsum based drymix mortar formulations.

Key benefits of Revokem RP1000 are:



**INCREASED WORKABILITY
AND OPEN TIMES**



**IMPROVES DISPERSION
WITHIN DRYMIX MORTARS**



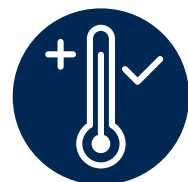
**FINE POWDERED
ADDITIVE**



**EFFECTIVE IN OPC-RICH,
CAC-RICH AND CSA
FORMULATIONS**



**REDUCES POTENTIAL FOR
SURFACE DEFECTS IN
FINISHED PRODUCTS**



**IMPROVES DRYMIX
FORMULATION
PERFORMANCE IN HIGH
TEMPERATURES**



APPLICATIONS

Revokem RP1000 can be used to control and extend working, open and setting times when used in rapid setting systems including fast set tile adhesives and repair mortars.

Revokem RP1000 can also be used during periods of high ambient temperatures, to prevent early setting or premature loss of open time.

Revokem RP1000 can be used on its own or together with Cemkem's comprehensive performance additive range*

** See Lithkem, Kemplast, Expelair, Celopro and Cemkem SRA.*

ADDITION RATES

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

For typical drymix mortar applications:

- 0.1% - 0.3% by weight of formulation. *

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

N.B. beware of overdosing retarder as this could negatively affect final strengths.





STORAGE

Revokem RP1000 should be kept dry and between 5°C and 30°C avoiding extremes of temperature and moisture. Avoid freezing and do not store in direct sunlight.

If stored correctly in sealed packaging, this product has a minimum shelf life of 12 months.

PACKAGING

Revokem RP1000 is supplied in 25kg bags.

HANDLING

Full MSDS available on request. H319: Causes serious eye irritation. Wear protective gloves/protective clothing/eye protection/face protection.

TECHNICAL DATA

Composition

Blend of organic acids and their salts

Appearance

Fine white powder

Bulk Density (g/L)

500 - 700

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.