

Semi-dry concrete admixtures**CAA Admixtures Categories for "Special Purposes"****Description of Product**

RHEOMIX[®] 685 is a plasticizing/accelerating liquid admixture with air entraining properties. Designed for use in no-slump concrete, it is suited for factory-line concrete production such as block making. RHEOMIX[®] 685 assists in the manufacture of a more uniform and predictable concrete. Chloride free RHEOMIX[®] 685 may also be used in dry pack, standard and light weight concrete production.

Fields of Application

- In all types of semi-dry, normal and light weight concrete products.

Features and Benefits

- Improved cycle times.
- Short and easy production process.
- Less wear at the moulds.
- Improved structure.
- Improved cohesion.
- Reduced water absorption.
- Increase strength.
- Applicable for all Portland and Slag Cements.
- Reduces efflorescence.

Technical Data/Typical Properties

Appearance	Brown Liquid
Specific gravity @ 20°C	1.2 g/cm ³
pH-value	7.0 to 9.0
Chloride content (%)	Less than or equal to 0.10

Application Procedure

Mix the aggregates, the cement and 75% of the mixing water. Add the RHEOMIX[®] 685 together with the remaining mixing water. After all the ingredients are added continue mixing for 60-90 seconds.

Dosage

As a starting point for factory trials, the normally recommended dosage rate is between:

By Volume - 0.325 to 0.650 litres per 100 Kg of cement (binder).

By Mass - 0.388 to 0.777 kg per 100 Kg of cement (binder).

Local production conditions and material types may necessitate dosages outside this range. Please consult your BASF Construction Chemicals (UK) representative

Packaging

RHEOMIX[®] 685 is supplied in 205 litre containers and bulk delivery upon request.

Shelf Life

Up to 12 months if stored in accordance to manufacturer's instruction in unopened containers.

Storage

RHEOMIX[®] 685 must be stored in a place where temperature does not drop below +5°C. If product has frozen, thaw at +3°C and agitate until completely reconstituted. Store out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult your BASF Construction Chemicals (UK) representative

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Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Spillage

Chemical products can cause damage; clean spillage immediately.

DISCLAIMER

"BASF Construction Chemicals (UK) Limited" (the Company) endeavours to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications. It is important that any prospective customer, user or specifier, satisfies him/her-self that the product is suitable for the specific application. In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product, which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.