

Admixture for long term retarded, ready to use mortar

Description of Product

RHEOMIX[®] 500R is a ready-to-use liquid set controlling agent, designed to be used in conjunction with RHEOMIX[®] 700A to produce set controlled trowel ready mortars, for delivery to site in ready mix trucks or mortar tubs.

Fields of Application

■ RHEOMIX[®] 500R is recommended for use in conjunction with RHEOMIX[®] 700A, to produce high quality trowel ready mortars. RHEOMIX[®] 500 R may also be used on its own to produce retarded mortars.

■ RHEOMIX[®] 500 R may either be added to the mixing water or dispersed on the aggregate. When used in conjunction with other admixtures such as RHEOMIX[®] 700, they should be dispensed into the mix separately.

Features and Benefits

- Controls setting times.
- Reduces bleeding.
- Produces cohesive workable mortar.
- Good finishing characteristics

Technical Data/Typical Properties

Appearance	Brown liquid
Specific gravity @ 20°C	1.16 g/cm ³
Chloride ion content	≤ 0.1 %
Alkali Content	33.8 g/litre
pH-value	9.7

Dosage

Dosage rates will vary according to the desired degree of set control, as a general rule the dosage will be:

By Volume - 1.0 to 3.0 litres per 100kg of cement (binder).

By Mass - 1.16 to 3.48 kg per 100kg of cement (binder).

At a dosage of 1.0 litre per 100kg of cement set will be delayed by 24 hours and at 3.0 litres per 100kg of cement, 72 hours. Variations in climatic conditions and material constituents may make usage rate outside those suggested desirable. To assist you in obtaining the optimum performance in mortars, please consult your local BASF Construction Chemicals (UK) representative.

Packaging

RHEOMIX[®] 500R is available in bulk and 205 litre drums.

Storage

RHEOMIX[®] 500R 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 under cover, 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 our Technical Services Department.



The Chemical Company

RHEOMIX[®] 500R

Shelf Life

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

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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.