

Air entraining/plasticizing admixture for masonry mortar**Description of Product**

RHEOMIX[®] 748 is a mortar plasticizer in powder form for use as an alternative to lime or as a supplement to lime to aid mortar durability.

Fields of Application

For use as an admixture for mortars to improve workability, in both bricklaying and rendering applications.

RHEOMIX[®] 748 aids resistance of mortar to frost attack in both wet and cured state; also increases long term durability of cement/sand and cement/lime/sand mortars.

Features and Benefits

- Economical:
 - *reduced labour costs*
 - *reduced wastage*
 - *increased spread rates.*
- Helps reduce efflorescence.
- Reduces bleed and segregation in the mix.
- Improved bond.
- Improves frost resistance.
- Reduces shrinkage.

Air entrained mixes produce greatly enhanced working properties with a reduced demand for mixing water. RHEOMIX[®] 748 also improves frost resistance in both freshly laid and hardened mortars, as the microscopic air bubbles entrained provide space for expansion of water due to freezing.

Technical Data/Typical Properties

Appearance	White powder
Chloride Ion Content	<0.1% (w/w) of admixture

Application Procedure

RHEOMIX[®] 748 may be added directly into the forced action mixer after the addition of sand or pre-mixed with the dry powder constituents.

Dosage

RHEOMIX[®] 748 is added at the rate of 600 to 1200 grams per tonne of pre blended powder constituents. Always use the type of sand recommended for a particular application. Test mixes should be carried out to determine optimum dosage.

To assist you in obtaining the optimum performance in mortars, please consult your BASF Construction Chemicals (UK) representative

Packaging

Available in 20-kilo valve sacks, 500-kilo IBC sacks or 1 tonne IBC sacks.

Shelf Life

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

Storage

Store in cool dry conditions.

Watchpoints

RHEOMIX[®] 748 provides protection from frost down to -2°C in the wet mortar. Normal winter working precautions must be taken.

Do not stack pallets of material more than two high.

Mixing

The action of RHEOMIX[®] 748 is entirely physical and requires sufficient mixing action. Mixing by hand is not recommended for this product.

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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.