

MasterSet R 513

Set retarding admixture for mortar

Material Description

MasterSet R 513 is a ready-to-use powder set controlling agent, designed for use in conjunction with MasterAir 755 and MasterAir 760.

Fields of Application

MasterSet R 513 is used in Dry Silo Mortar (DSM) to improve cohesiveness and workability retention, in both bricklaying and rendering applications.

MasterSet R 513 aids resistance of mortar to frost attack in both wet and hardened state; also increases long-term durability of both cement/sand and cement/lime/sand mortar.

Characteristics and Benefits

MasterSet R 513 offers the following benefits:

- Controls setting time.
- Increases open time of mortar.
- Reduces bleed and segregation in the mix.
- Improves cohesiveness and bond strength.
- Improves frost resistance.
- Improves finish after pointing.

Application Procedure

MasterSet R 513 may be added directly into the mixer after the addition of sand or pre-mixed with the dry powder constituents.

Dosage

Dosage rates will vary depending upon climatic conditions and material constituents.

It is recommended that dosages of between 500-1500 grams per tonne of pre blended powder constituents are used to obtain up to 3-hours extra open time of mortar and increase

pointing times. Test mixes should be carried out to determine optimum dosage.

To assist you in obtaining the optimum performance in mortars, please consult our local representative.

Watchpoints

If 24-hour retardation is required an increase in initial air content is necessary. Consult our Technical Services Department for further product information.

Packaging

MasterSet R 513 is Available in 20-kilo valve sacks or 500-kilo IBC sacks.

Contact Details

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Product Data	
Appearance:	White powder
Equivalent Sodium Content:	5.1%
Sulphate Content:	<0.1% (w/w) of admixture
Logistics	
Shelf life:	12 months if stored according to manufacturer's instructions in unopened container.
Storage conditions:	Store in original sealed containers and at temperatures between 5°C and 30°C. 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.
Handling and transportation:	Refer to MasterSet R 513 Safety Data Sheet
Disposal:	Refer to MasterSet R 513 Safety Data Sheet

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Disclaimer

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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

"Master Builders Solutions UK Ltd" (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.