

TECHNICAL DATA SHEET

PAS-TDS-ADM-005

MULTIFLOW 710 - MORTAR PLASTICIZER - An Air Entraining and Plasticizing Agent for use in Mortars and Plaster

MULTIFLOW 710 MORTAR PLASTICIZER is an admixture for mortars and plasters. It improves the workability of bricklaying and plastering mortars and increases their resistance to freeze/thaw cycles.

MULTIFLOW 710 replaces lime in the mix and reduces the amount of water required to achieve desired workability.

Typical Applications

* MULTIFLOW 710 is recommended in all mortars - whenever a more plastic and easily manageable mortar is required. * MULTIFLOW 710 is particularly valuable in cold weather, for damp or exposed work, or when restricted site or safety conditions do not permit the storage of lime.

Composition and Appearance

MULTIFLOW 710 is a dark brown aqueous solution of the neutralized salt of vinsol resin

Advantages

- * MULTIFLOW 710 improves the workability of bricklaying and plastering mortars and increases their resistance to frost.
- * Remains plastic for a longer period
- * Does not bleed or segregate
- * Helps to eliminate efflorescence
- * Easier and faster to spread
- * Economical:
 - Cuts labour costs
 - Less material used
 - Less waste
 - Cleaner and safer than lime
 - Better bond
- * Permits work to continue at temperatures below freezing point- 2°C. Note: see watch points below
- * Improved frost resistance
- * Reduced shrinkage
 - Cracking and crazing minimized
 - Improved weather resistance and durability

*The action of MULTIFLOW 710 is entirely physical. Used in accordance with instructions, it does not affect the setting time or other properties of the mortar.

Directions for use

MULTIFLOW 710 may either be pre-mixed with gauging water in a storage tank or introduced into the mixing drum at the same time as the water when mortar is mixed by hand, it should be well turned over to achieve maximum plasticity.

Watch points

- * MULTIFLOW 710 can be used With Other admixtures provided these are added separately to the mix. * It can be used with all types of Portland Cements, including Sulphate Resisting.
- * It can also be used in lime sand mortars as a further precaution against frost.
- * MULTIFLOW 710 should not be used at temperatures below- 2°C or if the temperature is expected to drop below 2°C within 24 hours, Normal cold weather working precautions should be exercised.

Dosage

MULTIFLOW 710 must always be used at the rate of 140ml 280ml per 50kg cement. Always use the recommended sand for a given application

Packaging

Supplied in 25 and 200 litre drums

Storage

- * Stir before use.
- * Will freeze, but can be reconstituted by stirring after thawing.
- * Shelf life: minimum 1 year.



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Health and Safety

MULTIFLOW 710 is mildly alkaline and should therefore be immediately washed from exposed skin.

Quality Assurance

Pasiffire SD Projects (Pty) Ltd production and testing programmes comply with local testing standards.

Updates This data sheet supersedes all previous issues prior to this date: 31/05/97.

The information contained herein is based on our current knowledge and experience. It is the user's responsibility to ensure that the product is suitable for the intended application. Pasiffire SD Projects (Pty) Ltd reserves the right to change product specifications without prior notice.

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