

Water-repellent admixture for
cement mixes

triple strength medusa



About this product

triple strength medusa is an admixture in white powder form. Its addition to a concrete or mortar mix will improve the water repellence of the finished work

Technical data

BS 5262 Code of practice for external renderings and BS 8000-10 Workmanship on building sites. Code of practice for plastering and rendering, should be followed at all times.

Uses

- To provide economical and durable renderings and mortars with increased water repellence
- To reduce surface water absorption and hence staining of rendering, in-situ concrete and precast concrete

Constraints

triple strength medusa is not suitable for use with high alumina or calcium aluminate cements

Features and benefits

- ▲ Provides increased water repellence
- ▲ Assists in providing even suction in undercoats
- ▲ Reduces water permeability
- ▲ Reduces the risk of surface crazing of in-situ and precast concrete
- ▲ Reduces surface water absorption

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Mixing

Mix **triple strength medusa** at a rate of one 330 g sachet per 50 kg (2 x 25 kg bags) of cement.

Mix the powder with the cement and aggregates in the dry state. Thorough mixing is essential, but air entrainment and possible loss of strength may occur if machine mixing of concrete is unduly prolonged once the water is added. Only clean, sharp, well graded sand should be used for rendering and clean, well graded aggregates for concrete.

In all cases the strength of the mix should be in accordance with the specification and British Standards applicable to the particular work to be carried out.

As a guide, however: concrete should contain not less than 300 kg cement per cubic metre (although a richer mix is often necessary) and for render mixes, best results are obtained if the mix is not weaker than mix designation 1, as described in BS 5262.

The addition of **triple strength medusa** will not compensate for incorrectly proportioned mixes or for poorly compacted concrete.

Mixes containing **triple strength medusa** are water repellent. For floors it is recommended that a vapour barrier be provided in accordance with BS 743 *Specification for materials for damp-proof courses*.

Preparation and application

Preparation and Application should be in accordance with the specification and relevant British Standards for the work to be carried out.

Packaging

triple strength medusa is available in 330 g sachets (20 per carton) or 20 kg sacks.

Coverage

One 330 g sachet is sufficient for a mix containing 50 kg (2 x 25 kg sacks) cement.

Storage and shelf life

Store in dry conditions.
Shelf life of unopened sachet is at least 12 months.

Health and safety

Essentially not hazardous.
Not harmful during normal use.
After contact with skin, wash immediately with plenty of water.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Keep out of the reach of children.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

Weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

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