

Technical Data Sheet

EM 501



Veneer Mortar Antique White

Product description

EM 501 Veneer Mortar Antique White is a graded sand, cement and additive dry mixed product for use as a Clay and Concrete Masonry Veneer for Residential and Commercial applications. EM 501 Veneer Mortar Antique White consists of:

- 3 parts by volume of dried graded sand to comply with NZS 3103
- 1 part by volume General Purpose Portland Cement complying with NZS 3122, 3123 or 3125
- Percentage of property enhancing additives in conjunction with NZS 3113

Usage

- Concrete Brick Veneer
- Clay Brick Veneer
- Pave Bedding
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Mixing Information

As a guide EM 501 Veneer Mortar Antique White requires approximately 14% water.

Add 3.3 – 3.5 litres of water into the mixer and slowly add the EM 501 Veneer Mortar Antique White. It is important not to over mix the mortar, EM 501 requires no more than 5 minutes mixing time in the mixer.

1 x 25kg bag = 3.3 – 3.75 litres of water

Note:

Water added must be clean potable water.
Water demand can vary slightly due to seasonal conditions.

Technical specifications	
Brick Veneer Dimensions D X W x H	
70 x 76 x 230	33 – 39 bricks per 25kg bag
70 x 162 x 290	36 - 40 bricks per 25kg bag
70 x 119 x 230	43 – 49 bricks per 25kg bag
90 x 76 x 230	30 - 33 bricks per 25kg bag
Application Temperature	+ 5 °C to + 30 °C
Outdoor application	Yes
Indoor application	Yes
Compressive Strength	≥8 MPa after 28days – Complies with BRANZ study report 258
Working Time	1 – 2 hours
Mixing Ratio - 25 kg bag	25kg bag + 3.3 – 3.75 litres water
Colour Range	Natural, Antique White, Premium White, Antique Cream, Cream, Light Brown, Dark Brown, Charcoal, Jet Black

Board Life

Under normal conditions EM 501 Veneer Mortar Antique White has a 30 – 40-minute board life, additional water can be added if necessary, to keep the mortar at the desired consistency. It is important not to add water to mortar that has started to stiffen, mortar that is more than 1 hour old should be discarded instead of remixing with water as the final compressive strength will be compromised.

Advantages

- Just add water
- No additives required
- Minimises waste
- No mix variance compared to site mix mortar
- No colour variance compared to site mix mortar

Additional Data

It is very important to protect freshly laid mortar from rain or showers, to protect bricks from rain or showers prior to installation and to ensure that the mortar is consistently finished at the same time and too not "over tool or under tool" the mortar joint as all of these can cause discolouration to the mortar.

Quality Control

EM 501 Veneer Mortar Antique White is manufactured to specification in New Zealand by Ezymix Ltd utilizing automated weighing and batching equipment in conjunction with a strict quality control regime, the manufacture process of this product is guaranteed.

Storage

Shelf life is at least 12 months when stored in original, unopened bags.

Availability

In 25 kg bags, 40 bags per pallet.

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