

## EVERBUILD 201 MORTAR ADMIX



Colour	Product Code	Pack Size	Box Qty
-	AD5L	5Ltr	4
	ADM25L	25Ltr	1
	ADM200L	200Ltr	1

### Product Description

EVERBUILD MORTAR ADMIX is an air entraining liquid plasticising admixture which forms extremely stable air bubbles in mortar mixes. The admix improves workability and freeze/thaw resistance in brick laying mortars, reduces the need for lime and smoothes out variations between separate batches of sand and cement. Conforms to BSEN934- Part 3 (2009)

### Benefits

- Outperforms traditional Vinsol Resin Based plasticisers (See specific data)
- Contains a special additive which keeps air in the mix longer than most other competitive admixtures.
- Improves trowelability.
- Easier tamping down and alignment.
- Improves workability.
- Provides resistance to freeze/thaw cycling down to -2°C in both wet and dry mortar.
- Chloride free (chloride ion content <0.1%).
- Reduces bleeding.
- Replaces lime in mix, hence reduces possibility of lime bloom and efflorescence.

### Areas For Use

Load bearing brickwork  
Block laying  
External/Internal rendering  
Pointing/repointing brickwork.

### Limitations

- Do not use in structural concrete.
- Do not overdose.
- Do not mix with other additives in same gauging water.
- Do not use in lime based mixes

### Application

In all cases, add to mix at an addition rate of 150ml to 250ml per 50kg cement , depending on the degree of plasticising/entrainment required. Note: remember to reduce required quantity of water

accordingly. One litre of MORTAR ADMIX added to a 200ltr drum of gauging water will be sufficient for gauging approx. 4 x 50kg cement for mortar or render mixes. Whilst overdosing should be avoided, this formulation does safeguard against moderate overdosing. (up to double the maximum rate).

The following are examples of modified mix designs.

1: 0.25 :3 cement : lime : sand.

1:1:6 cement : lime : sand.

use 1 : 3 cement : sand : + MORTAR ADMIX:

use 1 : 6 cement : sand + MORTAR ADMIX

BRICKLAYING/POINTING

Use a mix design appropriate to brick strength (1 : 3 to 1 : 6).

INTERNAL RENDERS

1 : 6 + MORTAR ADMIX

EXTERNAL RENDERS

1 : 3 + MORTAR ADMIX

#### Specific Data

<b>Appearance</b>	Dark brown/red liquid with characteristic odour
<b>Specific Gravity @ 20°C</b>	1.00
<b>Freezing Point</b>	-10°C approx
<b>Chloride Ion Content</b>	Nil
<b>Usage</b>	Using at an addition rate of 125 – 250cc per 50kg cement
<b>Specification</b>	BSEN934- Part 3
<b>Vol Air Entrained</b>	14 -20%
<b>Loss After 1 Hr Standing</b>	Not reduced by more than 3% from vol. air entrained
<b>Loss After Extra 15 Mins Mixing</b>	Not reduced by more than 5% from vol. air entrained

Extra tests were carried out in over and above those required by BS4887, to simulate more effectively actual performance requirements in site conditions. One such comparative test is shown below, which simulates the actual loss of air form a mortar mix due to vibration when transferred to site.

	% AIR CONTENT AFTER MIXING FOR			% AIR CONTENT AFTER 1 HOUR SIMULATED WORK TEST	
	5 Mins	15 Mins	Increase (Loss)		Decrease
<b>Blank</b>	2.92	2.68	(0.24)	Not Tested	-
<b>Vinsol Resin</b>	16.75	17.84	1.09	14.01	3.83
<b>Everbuild M.A</b>	17.10	19.31	2.21	16.23	3.01
<b>Comp. Prod</b>	16.20	17.13	0.93	9.78	7.35

All tests were carried out at the same dosage levels.

From this data, it can de seen that EVERBUILD MORTAR ADMIX performs favourably even when compared to traditional Vinsol based formulae on a solids for solids basis.

#### Health & Safety


Consult MSDS for full list of hazards.

### Storage

Store in original unopened containers between 5 and 40°C.

### Shelf Life

Up to 2 years in unopened containers.


Site 41, Cross Green Industrial estate, Knowsthorpe Way, Leeds LS9 0SW
11  0086-CPD-565048  EN934-3 (2009) Air entraining/plasticizing admixture for masonry mortar EN934-3, T2. Chloride content: <0.1% w/w Alkali content : 0.4% by mass Corrosion behaviour <sup>2</sup> : NP

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