

TECHNICAL DATA SHEET NO: ADMIX

PAGE: 1 OF 3

VERSION: 4/28/3/11

DATE OF ISSUE: 8/11/2015

EVERBUILD 201 MORTAR ADMIX



Colour	Product Code	Pack Size	Box Qty
	AD5L	5Ltr	4
-	ADM25L	25Ltr	1
	ADMI200L	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



TECHNICAL DATA SHEET NO: ADMIX

VERSION: 4/28/3/11

PAGE: 2 OF 3

DATE OF ISSUE: 8/11/2015

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

•			
Appearance	Dark brown/red liquid with characteristic odour		
Specific Gravity @ 20°C	1.00		
Freezing Point	-10°C approx		
Chloride Ion Content	Nil		
Usage	Using at an addition rate of 125 – 250cc per 50kg cement		
Specification	BSEN934- Part 3		
Vol Air Entrained	14 -20%		
Loss After 1 Hr Standing	Not reduced by more than 3% from vol. air entrained		
Loss After Extra 15 Mins	Not reduced by record their FOV frame value in authorized		
Mixing	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
Blank	2.92	2.68	(0.24)	Not Tested	-
Vinsol Resin	16.75	17.84	1.09	14.01	3.83
Everbuild M.A	17.10	19.31	2.21	16.23	3.01
Comp. Prod	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.



TECHNICAL DATA SHEET NO: ADMIX

PAGE: 3 OF 3

VERSION: 4/28/3/11 DATE OF ISSUE: 8/11/2015

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 behaviour²: NPD

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.