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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



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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. use 1 : 3 cement : sand : + MORTA	AR ADMIX:	1:1:6 cement : lime : sand. 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 more than E% from yol air optrained		
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

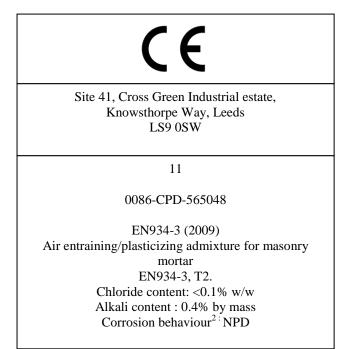
Consult MSDS for full list of hazards.

Storage

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

Shelf Life

Up to 2 years in unopened containers.



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