

MICROBUILD SUPER STRENGTH ADMIX

DESCRIPTION

MICROBUILD SUPER STRENGTH ADMIX is a highly concentrated air entraining liquid plasticising admixture which is ten times the strength of conventional products.

SUPER STRENGTH ADMIX forms extremely stable air bubbles in mortar mixes. This improves the workability of mortar, giving it a “buttery” consistency and helps prevent shrinkage, cracking, crazing and mild frost damage during the curing process, as well as providing long term resistance to freeze/thaw cycles. SUPER STRENGTH ADMIX replaces lime in the mix and hence reduces the chance of efflorescence (salt formation) and smoothes out variations between separate batches of sand and cement. Conforms fully with the requirements of BS 4887 (1986) Part 1.

BENEFITS

- 500ml pack – equal to the equivalent of 5ltrs of ordinary admix
- Reduces waste packaging.
- Cost saving.
- Contains a special additive that 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 OF 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

SHAKE WELL BEFORE USE. Add SUPER STRENGTH ADMIX to a portion of gauging water at a rate of 10 ml to 20ml (approximately ½ to 1 capful) per 50kg of cement. Stir thoroughly until completely dispersed then add to sand and cement followed by the rest of required water and mix until required consistency is obtained. NOTE: NEVER add this product directly to mix – always let down in a portion of the gauging water. This admix contains a plasticiser hence total amount of water required will be reduced.

The following are examples of modified mix designs.

1: 0.25 :3 cement : lime : sand.
use 1 : 3 cement : sand : + S/S ADMIX:

1:1:6 cement : lime : sand.
use 1 : 6 cement : sand + S/S
ADMIX

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

INTERNAL RENDERS 1 : 6 + SUPER STRENGTH ADMIX

EXTERNAL RENDERS 1 : 3 + SUPER STRENGTH ADMIX

SPECIFIC DATA

APPEARANCE:	Dark brown thick liquid.
S.G (20°C):	0.98
FREEZING POINT:	N/D.
CHLORIDE ION CONTENT:	Nil. (<0.1%)
STORAGE:	Store at moderate temperatures.
SHELF LIFE:	12 months
USAGE	10 - 20cc per 50kg cement,
SPECIFICATION	BS4887 (1986) Part 1
VOL AIR ENTRAINED @ 0.025% V/W CEMENT (BS4887)	16.5%
AIR AFTER 1HR STANDING:	15.5%
AIR AFTER EXTRA 15 MINS MIXING:	16.3%

HEALTH AND SAFETY

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Not classified as hazardous to health under current legislation. However, following precautions are recommended. Do not ingest. Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice if irritation persists. Keep out of reach of children

STORAGE

STORAGE: Store in cool dry conditions away from direct sunlight between 5 and 40°C. STORE AWAY FROM CHILDREN.

SHELF LIFE

Minimum 12 months from date of manufacture