



Hydracem

Air Entraining for Patching Mortar

Description

A liquid used to ensure required air entrainment and plasticity to sand/cement and sand/lime/cement/mortars to give required durability and workability.

Formulated from carefully selected raw materials based on neutralized salts of wood resins.

Object

- Mortars for leveling and patching of cement bound screeds, concrete pavements and similar objects
- For the mixing of non-dusting cement screeds that are water-resistant and highly resistant to attacks of oil
- Mortars and plasters for leveling and patching, particularly mortars subject to high wear
- In jointing and masonry mortars for improving bonding to stones, bricks, blocks and tiles
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- In mortars for bonding wall and floor tiles, mosaics, etc.

Advantage

- Hydracem works by introducing air into the mortar in the form of tiny and minute bubbles. Such bubbles reduce the surface tension of the mortars/plasters and allows the mixing water to be introduced more efficiently.
- Improved adhesion and bonding of mortars and plastering materials to hardened concrete

- Improved wearing/abrasion capacity of mortars
- Improved impermeability to water and oils
- Reduction of crack formation, including shrinkage cracks by redistribution of stresses in the materials
- Improved plasticity/workability of mortars and plasters

Standard

- Meets • A.S.T.M. C260
• B.S. 4887

Instruction for Use

- Hydracem is supplied in liquid form and ready to use. Normally 30 ml per 50 kg cement is sufficient to produce the desired effects.
- It is always recommended that a field test is carried out to determine the effect. It is to be noted that types of sand and aggregates including their sizes and relative proportions that are used, may influence the dosage required.
- The dry ingredients of the mortars and plasters should be mixed separate together. Hydracem should be mixed to the water and added together with the water into the dry materials.
- May be used with all types of cement including sulphate resistant cements. Please consult ACT if used with special cements.

Characteristic

Appearance : Brown Liquid
Density : 1.10 ± 0.01
Viscosity : 2.45 cps
Freezing Point : - 5°C
Flash Point : non-flammable

Packaging

In drums of 210 kg. In pails of 5 and 25 kgs.

Shelf-Life

One year in unopened containers.
Protect from excessive heat.

Precaution

Presents no health hazards.

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