

MORTAR ADMIX

CODE: D228

PRODUCT DATA

SHEET

EDITION: D2.05.2017

Description:

D228 DURABUILD MORTAR ADMIX is a Liquid mortar plaster-cum waterproofing compound. It is most versatile in making smooth finish of plaster, render and screeds. Under normal situation most plastered surfaces develop cracks but D228 DURABUILD MORTAR ADMIX makes such plastered surfaces absolutely crack-free and water-resistant.

Uses:

Used for producing crack free, waterproofed and workable plaster, brick laying, pointing, rendering, screeding, etc.

Features:

- Improves moisture retention and bond strength due to entrained air holding the cement/sand matrix at the contact surface.
- Improves impermeability of the mortar by breaking capillary channels through air entrainment and prevents the wall from dampness caused due to the ingress of water/wind borne rain water.
- Helps mortar to accommodate all thermal expansion/contraction movements through entrained air as cushioning/expansion chamber. As a result it does not allow the mortar structure to undergo cracking.
- Due to air entrainment property, it does not allow the mortar to develop excessive strength as compare to an unplasterised mortar, air entrainment results in some loss of strength, as the same quantity of cement binder is being used to cement of a large volume of mortar. So plasterised mortar has lower material cost.
- No significant effect on the setting and hardening properties of mortar.
- No chemical reaction with the mortar or its constituents. No Colour change on the hardened mortar.
- Improves harsh sand mixes through increase in cohesion of mortar mixes imparting improved trowel ling/workable properties of the mix. Mortar never segregates. Smooth finished adds on the aesthetic value.
- It makes mortar crack-resistant while stressing on mortar hardening occurs. Most important property.
- Mortar becomes freeze/thaw proof-no cracking takes place.
- It eliminates the use of lime and saves storage cost/space and failure due to sound lime.

Application Method:

D228 DURABUILD MORTAR ADMIX should be added to cement/sand mixture with gauging water. Please do not add to dry cement/sand mix. While mixing by hand, increased dosage may be required for extremely high quality masonry mortar.

Standard Compliances:

It confirms to BS: 4887-1973, as mortar plasticiser.

Technical Data:

PARAMETERS	SPECIFICATION	TEST RESULTS
Physical Appearance		White coloured liquid.
Specific Gravity @ 27°C		1.03 ± 0.02
Chloride		Nil (If it is found in trace that may be due to town supply water)
Compatibility with cement		All Portland cements
Compatibility with Admixture		With all DURABUILD Admixtures

Coverage:

0.25 % by weight of total cementitious content; actual dosage to be finalised on the basis of mortar trials

Packaging:

20 kg & 225 kg drums

Shelf Life:

12 months from the date of manufacturing when kept in cool, dry, unopened and undamaged original packing condition.

Health & Safety:

- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.



Non-Inflammable



Non-Toxic



Eco-Friendly



Make in India



Dr. GHANTI'S LAB®

Centre for Research, Education and New Product Development in Construction Chemicals

Dura Build Care Pvt. Ltd.

501/1, DDA Towers 1, District Centre Janakpuri, New Delhi- 110058

T: 91-11-45611956 , E: support@durabuild.in

OUR PRODUCT RANGE



IMPORTANT NOTE: The product information and application recommendations for final use of Durabuild's products, are given in good faith based on Durabuild's vast knowledge and experience of products when properly stored, handled and applied under standard conditions as per Durabuild's recommendations. The user of the product must conduct trials and test to ensure the suitability of the product for intended application and purpose. Owing to the difference in other materials, actual site conditions and on-site workmanship factors which are beyond our control, the company shall not accept any liability either directly or indirectly arising out of use of our products whether or not in accordance with any advice, specification, recommendation or information given by it. Durabuild reserves the right to customise the properties of the product through minor adjustments or fine tuning in the formulation to meet the exact site requirements testimony to its continuing research and development. Users must refer to the most recent issue of product data sheet, copies of which can be made available on demand. Durabuild products are manufactured as per stringent national/international quality standards and are guaranteed against any manufacturing defect. All products are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request.

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