



Building & Repair Mortars

ISOMIX BUILDING MORTAR

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

ISOMIX BUILDING MORTAR is an extra strong, cement-based mortar for bonding most types of construction materials (brickwork etc.). It contains high strength Portland cement, lime, selected aggregates and special additives which offer excellent adhesion strength, moisture and frost resistance. It presents excellent workability and easy, fast and clean application. It is suitable for interior and exterior use. It is classified as a type M5 adhesive according to EN 998.2.

ADVANTAGES

- Excellent adhesive strength
- Excellent moisture and frost resistance
- Exterior and interior use
- Easy, clean and fast application – just add water

APPLICATIONS

Fixing any kind of building material such as bricks, cement blocks, natural stones, aerated concrete blocks, sidewalk tiles etc of interior and exterior walls and other construction surfaces.

INSTRUCTIONS FOR USE

Substrate preparation

1. Substrates must be clean, free of oily residues, loose materials, dust etc.
2. Dampening of the surface before application is recommended especially during high temperatures.

Mixing instructions

1. Add 0,8 - 0,9 Lt of water in a clean bucket and gradually add under constant stirring 5kg of ISOMIX BUILDING MORTAR.
2. Using a low speed electrical mixer stir well until a uniform viscous mixture is formed with desired workability.
3. For larger quantities use a concrete rotating mixer.
4. The working time of the mixture is 3 hours. Periodical stirring is advised while avoiding the addition of more water.

Application

1. The mixture should be applied on the surface using a trowel.
2. Fix the building blocks /bricks in the desired position and apply light pressure before skin formation.

CLEANING

Remove as much material as possible from tools before cleaning. Clean all equipment immediately after use with soapy water.

COVERAGE

20 kg of dry mix / m² for bricks 6 X 9 X 12cm

TECHNICAL CHARACTERISTICS

Form: Cement-based powder

Color: Gray

Particle size: max 3 mm

Specific gravity of fresh product: 1950 kg/m³

Compressive strength in 28 days: 6 Mpa According to EN 1015-11

Flexural strength in 28 days: 1,9 Mpa According to EN 1015-11

Application temperature: +10°C - +35°C

STORAGE

Store in dry and cool storage conditions at temperatures 5°C -30°C. Protect from moisture, frost and direct sunlight.

SHELF LIFE

At least 12 months in the above-mentioned storage conditions. Products should remain in their original unopened sealed bags, bearing the manufacturers batch number.

PACKAGING

5kg

PACKAGING	CODE	BARCODE
5kg	07043	5204094070436

Evochem®

EVOCHEM S.A.

Tzavardella place 13341, Fyli, Attica, Greece

Tel.: 210 5590460, 210 5590155 Fax: 210 5590244

E-mail: info@evochem.gr Website: www.evochem.gr





Building & Repair Mortars

ISOMIX BUILDING MORTAR

Technical Data Sheet

Reviewed: 06.06.2015

HEALTH AND SAFETY INFORMATION



H315 Causes skin irritation **H317** May cause an allergic skin reaction **H318** Causes serious eye damage **H335** May cause respiratory irritation **P102** Keep out of reach of children **P271** Use only outdoors or in a well-ventilated area **P280** Wear protective gloves/protective clothing/eye protection/face protection **P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **P310** Immediately call a POISON CENTER or doctor **P302 + P352** IF ON SKIN: Wash with plenty of water and soap **P333 + P313** If skin irritation or rash occurs: Get medical advice / attention **P261** Avoid breathing dust / fume / gas / mist / vapours / spray **P304 + P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing **P312** Call a POISON CENTER or doctor if you feel unwell **P362 + P364** Take off contaminated clothing and wash it before reuse **P501** Dispose of the contents / container in accordance with the current legislation on waste treatment **EUH208**: Contains cement portland, chemicals. May produce an allergic reaction. Substances that contribute to the classification: cement portland, chemicals

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



Evochem®

EVOCHEM S.A.
Tzaverdella place 13341, Fyli, Attica, Greece
Tel.: 210 5590460, 210 5590155 Fax: 210 5590244
E-mail: info@evochem.gr Website: www.evochem.gr

