



Building & Repair Mortars

ISOMIX CEMENT

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

ISOMIX CEMENT is high quality Portland cement, suitable for construction – building applications. Available in gray and white. It is classified as CEM II/A-L 42,5 R according to ΕΛΟΤ EN 197.1.

ADVANTAGES

- Excellent adhesion
- Excellent waterproofing properties
- Excellent workability
- Excellent resistance to scrubbing
- Excellent resistance to extreme weather conditions and humidity
- Excellent resistance to ageing

APPLICATIONS

- It is suitable for production of high quality mortars for sealing and repair applications, plaster repair, and any other application where high quality cement is required.
- It can be mixed with common cement as reinforcing material.

INSTRUCTIONS FOR USE

Mixing instructions

Depending on the application, **ISOMIX CEMENT** is used, like common cement, with sand, rubble-stones, lime, acrylic reinforcing resins ISOMIX ACR 300 (interior mortars), synthetic reinforcing resins ISOMIX SBR 400 or SBR 380 (exterior mortars) in order to increase mortar's elasticity, waterproofing properties and adhesion strength.

Applications

MORTAR	ISOMIX CEMENT	SAND	WATER	ISOMIX ACR 300 ISOMIX SBR 400
Cement plaster thickness 0-2cm	4kg	8kg	2lt	
Cement plaster thickness 3-4cm	4kg	12kg	2,5lt	
Cement plaster thickness 4-5cm	4kg	16kg	3lt	
Repair mortar	4kg	8kg	1lt	1lt
Plaster repair	4kg	16kg	2lt	1lt

CLEANING

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

TECHNICAL CHARACTERISTICS

SO₃: 3,2%

Chlorine: 0,01%

Setting time: 170 min

% H₂O: 28,7

Expansion: 0 mm

Compressive strength in 2 days: 24,3 MPa

Compressive strength in 28 days: 51,4 MPa

Standard deviation after 28 days: 1,9 MPa

STORAGE

Store in dry and cool storage conditions at temperatures 5^oC - 30^oC. 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

Bags 4kg gray & white

PACKAGING	CODE	BARCODE
4kg White	07138	5204094071365
4kg Gray	07137	5204094071372

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	EVOCHEM S.A. Athens, Attica, Greece
EN 197.1.	
ISOMIX CEMENT Portland cement	
CEM II/A-L 42,5 R	

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.



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