



## Plastering & Repair Mortars

# ISOMIX REPAIR PLASTER RP300

Technical Data Sheet

Reviewed: 06.06.2015



### DESCRIPTION

**ISOMIX REPAIR PLASTER RP 300** is fast-setting one-coat application white plaster, waterproof, suitable for plaster repairs on old or new building surfaces. It contains high strength white Portland cement, lime, fillers and special additives that offer excellent adhesion on most substrates. It offers a very rapid and easy application.

### ADVANTAGES

- Fast setting
- High strength
- Excellent adhesion
- Moisture and frost resistant
- Does not crack nor shrink
- Suitable for buildings close to the seafront
- Interior and exterior use
- Rapid and easy application -just add water

### APPLICATIONS

- Repair of damaged areas of plaster on walls and ceilings of new and old building constructions.
- Repair of internal and external wall corners and damaged edges.
- Suitable for repairing wall irregularities due to damage from frost.
- Suitable for use on concrete, bricks, cement surfaces, stones, concrete blocks, aerated concrete blocks etc.

### INSTRUCTIONS FOR USE

#### Substrate preparation

1. Substrates must be clean, free of oily residues, loose materials, dust etc.
2. Remove all unstable plaster. Wash the substrate thoroughly avoiding the creation of water puddles.
3. On difficult or very smooth surfaces **ISOMIX REPAIR PLASTER** should be reinforced with acrylic resin **ISOMIX RESIN ACR 300** at a ratio **ISOMIX RESIN ACR 300 : water = 1:3**. The same can be used as a primer.
4. Use fiberglass net for reinforcing surfaces.

### Mixing instructions

1. Add 5 - 5,5 kg of water in a clean bucket and add gradually under constant stirring 25kg of **ISOMIX REPAIR PLASTER**.
2. Stir well until a uniform viscous mixture with the desired workability is formed.
3. The working time of the mixture is approximately 3 hours.

### Application

1. Apply the mixture evenly on the substrate up to 2 cm thick as the ordinary plaster using a trowel.
2. Cured surface can be treated with a sponge – faced float.
3. Surfaces are ready for further treatment with acrylic surface filler **ISOMIX WALL STUCCO** or painting.

### CLEANING

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

### REMARKS

- Avoid application on surfaces that are exposed to direct sunlight, or temperatures exceeding 35°C – 40°C.
- Application temperature is +10°C - +35°C. Treated surfaces must be protected from fast drying, frost and direct sunlight. Slight dampening is advised at high temperatures to prevent rapid water loss.

### COVERAGE

12 – 14kg of drymix /m<sup>2</sup> /per layer of 1cm thick depending on surface condition.

### TECHNICAL CHARACTERISTICS

#### EN 998.1: GP

**Form:** Fine powder

**Colour:** White

**Particle size:** 0 -1 mm

**Specific gravity of fresh product:** 1630 kg/ m<sup>3</sup>

**Compressive strength in 28 days:** 5 Mpa (According to EN 1015-11)

**Flexural strength in 28 days:** 1,5 Mpa (According to EN 1015-11)

**Shrinkage:** < 0,9 mm

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

	<b>EVOCHEM S.A.</b> Athens, Attica, Greece
	<b>EN 998-1</b>
<b>ISOMIX REPAIR PLASTER RP 300</b> General purpose rendering mortar (GP) for external use	
<b>2010</b>	

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### 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

Bags 5kg, 20kg

PACKAGING	CODE	BARCODE
5kg	01755	5204094071334
20kg	01754	5204094071341

### 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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