



#### DESCRIPTION

**ISOMIX RESIN SBR 400** is a new nanotechnology concentrated reinforcing latex and admixture. It is based on pure synthetic resins and nano – microtechnology particles. It is ideal for the improvement of the adhesion, waterproofing, flexibility and workability of cement admixtures, plasters etc.

#### ADVANTAGES

- New nano –micro technology
- Strong adhesion to old and new concrete, steel, wood and usual building surfaces.
- Waterproofing of cement admixtures
- Crack prevention
- Diminished shrinkage during drying of cement admixtures
- Improved frost resistance
- Improved mechanical properties
- Improved water, oil and chemical resistance
- High impact and wear resistance
- High elasticity (at high resin addition)
- Improved workability with concurrent water content
- Does not require antifoam

#### APPLICATIONS

- Improvement of the characteristics offered by treated cement admixtures, screeds, self-leveling screeds, plasters, waterproofing slurries etc. The improved mechanical properties make it a suitable product for pre-constructed concrete elements.
- Improvement of adhesion in mortars and as a primer.
- Improvement of adhesion between old and new concrete and screeds - mortars
- Priming and fortification of absorbing and deteriorated building surfaces
- Improvement of waterproofing, adhesion and elasticity in tiling adhesives and grouts.
- Improvement of adhesion, mechanical and waterproofing properties of plasters and cementitious admixtures

#### INSTRUCTIONS FOR USE

##### Surface preparation

1. Make sure that surfaces are clean and free of oily residues, loose materials, dust etc prior to application.
2. Pre -wet very hot or very absorptive surfaces avoiding the creation of water puddles.

##### Mixing

**ISOMIX RESIN SBR 400** is added in the recommended ratios to the mixing water in admixtures :

##### Flooring screeds

Cement : sand = 1:1 to 1:4

**ISOMIX RESIN SBR 400** : WATER = 1:1

drymix : liquid mix = 5:1

##### Brushable Slurries

**ISOMIX RESIN SBR 400** : WATER = 1:3

##### Priming layers between old and new concrete

Cement : sand = 1:1

**ISOMIX RESIN SBR 400** : WATER = 1:1

cement admixtures : liquid mix = 2:1

Applied by brush 20 minutes prior to applying new concrete or screed

##### Tile – marble adhesives and grouts

**ISOMIX RESIN SBR 400** : WATER = 1:2 TO 1:3

##### Screeds

**ISOMIX RESIN SBR 400** : WATER = 1:3

##### Plaster waterproofing

**ISOMIX RESIN SBR 400** : WATER = 1:3 TO 1:4

##### Surface priming

No dilution

#### CLEANING

Clean tools immediately after use with soap and water

#### WARNING

Shake well before use

#### TECHNICAL CHARACTERISTICS

**Form:** Liquid emulsion

**Color:** Milky white

**Odour:** Slightly aromatic.

**Specific gravity:** 1,02 ± 0,03 g /ml

**Viscosity:** 1800-2000 mPas (25°C)

**PH:** 9-10

**Solubility:** Water

**Flammability:** Non



# Building Admixtures & Reinforcement Materials

## ISOMIX RESIN SBR 400

Technical Data Sheet

Reviewed: 06.06.2015

### 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 18 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

### PACKAGING

1kg, 5kg, 20kg

PACKAGING	CODE	BARCODE
1kg	05076	5204094050766
5kg	05190	5204094050773
20kg	05078	5204094050780

### HEALTH AND SAFETY INFORMATION

The product is not classified as dangerous according to CLP Regulation (EC) n° 1272/2008. **EUH208:** Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one[EC no. 220-239-6] (3:1). May produce an allergic reaction

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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