



# Primers

## ISOCRYL PRIMER DUR AQUA

### Technical Data Sheet

Reviewed: 06.08.2019



#### DESCRIPTION

**ISOCRYL PRIMER DUR AQUA** is strong, transparent, acrylic waterbased primer, fortified with nano particles with improved adhesion promotion and penetration properties. It is odorless and friendlier for the environment and the user. It is suitable for protection and strengthening of concrete, plaster and other building surfaces. It is suitable for interior and exterior use. Due to its water based technology it is specially recommended for indoor use. It is slightly tinted blue, in order to prevent any missed spots, while it is perfectly covered with white or light shades of final coat.

#### ADVANTAGES

- Excellent adhesion and high penetration to porous surfaces
- Substrate strengthening
- Dries fast and does not cause yellowing of subsequent paint coats
- Ensures better adhesion and spreading of paints
- Strong anchoring properties due to nanotechnology formulation
- Interior and exterior use
- Easy application - slightly tinted blue

#### APPLICATIONS

- Priming of interior and exterior walls and facades (plaster, stone, brick, gypsum, cement boards etc) prior to painting with acrylic, emulsion or elastomeric paints.
- Priming of roofs and terraces prior to application of roof insulation materials.
- Priming of building surfaces prior to sealing with elastomeric sealing materials (elastomeric, polyurethane).
- Strengthening of cement screeds and floors that present deterioration and chalking.

#### METHOD OF APPLICATION

##### Surface preparation

1. Surfaces should be dry and clean from dust, oily residues and loose materials. Remove all deteriorated material using a steel brush.
2. Any openings and cracks should be forced open, primed and sealed with elastomeric acrylic putty FLEX or polyurethane sealant BONDFLEX. Usual wall imperfections should be filled with acrylic putty STANDARD. Large cracks should be filled with SUPER LITE filler.

##### Application

1. Apply one coat **ISOCRYL PRIMER DUR AQUA** with a roller, brush or spray gun diluted with water up to 20% for roof insulations and 50% for walls.
2. For highly deteriorated surfaces it is recommended to apply 2 - 3 coats.
3. Recoat after 2 - 3 hours.

#### CLEANING

Clean tools with water immediately after use.

#### CONSUMPTION

Approximately 10 - 15m<sup>2</sup>/lt depending on dilution

#### TECHNICAL DATA

**Form:** Liquid emulsion

**Color:** Translucent

**Odour:** Typical acrylic emulsion

**Specific gravity:** 1,02 ± 0,02 g/cm<sup>3</sup> 25° C

**Viscosity:** 54 ± 6 sec (FORD CUP 2) 25° C

**Dilution:** With water 20% - 50% depending on the application.

**Durability:** High rubbing resistance

**Drying time:** 2 - 3 hours

**VOC (Volatile Organic Compounds):** Maximum value in EU for category «Binding Primers» {cat.Ah(WB)}: 30 gr/lt (2010). This product, ready to use, contains a maximum of 5 gr/lt VOC.

#### STORAGE

12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

#### SHELF LIFE

12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

#### PACKAGING

1Lt, 5Lt, 20Lt

PACKAGING	CODE	BARCODE
1Lt	5140	5204094051404
5Lt	5141	5204094051411
20Lt	05075	5204094051428

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### HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

**P101:** If medical advice is needed, have product container or label at hand **P102:** Keep out of reach of children **P103:** Read label before use **P501:** Dispose of the contents/containers in accordance with the current legislation on waste treatment

**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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