



Primers

ISOCRYL PRIMER DUR

Technical Data Sheet

Reviewed: 06.08.2019



DESCRIPTION

ISOCRYL PRIMER DUR is strong, transparent, acrylic solvent based primer, fortified with nano particles with improved adhesion promotion and penetration properties. It is suitable for protection and strengthening of concrete, plaster and other building surfaces.

ADVANTAGES

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

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. Large cracks should be filled with SUPER LITE filler.

Application

1. Apply one coat of ISOCRYL PRIMER DUR with roller, brush or airless spray diluted with white spirit or turpentine up to 50% for roofs and up to 100% for walls.
2. For highly deteriorated surfaces apply 2 – 3 coats.
3. Recoat after 2 - 3 hours.

CLEANING

Clean tools immediately with white spirit.

CONSUMPTION

Walls: 10 - 15m²/Lt

Roofs: 5 - 8m²/Lt

TECHNICAL DATA

Form: Liquid

Color: Transparent

Odour: Characteristic of white spirit

Ignition point: >45°C Abel (MPA)

Vapour pressure (20° C): 420Pa (MPA)

Specific gravity: 800-840 kg/m³ 25°C

Viscosity: 30-40 sec FORD CUP 4 25°C

Solubility: white spirit, turpentine

Rub resistance: excellent

Flammability: Flammable

Drying time: 2 – 3 hours

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/R(SB):"Binding primers": 750 gr/lit (2010). This product contains maximum 730 gr/lit VOCs (ready for use product).

STORAGE

Products should be stored in a dry and cool place at a temperature of 5°C -35°C, away from sources of ignition. Protect from humidity and direct sunlight.

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

750ml, 5lt, 16lt

PACKAGING	CODE	BARCODE
750ml	5137	5204094051374
5Lt	5138	5204094051381
16Lt	5139	5204094051398

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HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION



Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
Flam. Liq. 3: H226 - Flammable liquid and vapour
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P370+P378: In case of fire: Use ABC powder extinguisher to extinguish.
P403+P235: Store in a well-ventilated place. Keep cool
P501: Dispose of contents and / or their container according to the separated collection system used in your municipality
EUH066: Repeated exposure may cause skin dryness or cracking
Substances that contribute to the classification: Distillates (petroleum), hydrotreated light (CAS: 64742-47-8); naphtha (petroleum), hydrodesulphurized heavy, < 0.1 % EC 200-753-7 (CAS: 64742-82-1); Ethylbenzene (CAS: 100-41-4)

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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