

ISO PRIMER 1054^{ASTAR}

Product Data Sheet

Description:

ISO PRIMER is a solvent-free, primer composed of synthetic resin in water dispersion and selected inert materials with excellent bond strength, resistance to water and ageing. It guarantees a rough keying surface ideal for render, smoothing and levelling compounds, thus ensuring an excellent bond on smooth substrates and substrates with low absorben- cy, reducing and evening out absorption of water of absorbent surfaces. Once dry, it guar- antees a tough bond of any cementitious render on various types of substrate: concrete, lightweight cellular cement blocks, bricks, stone, plasterboard, wood, ceramic, metal, render, gypsum, etc. Iso primer is a ready-to-use grey latex which is easy to apply using either a roller or a brush. Iso primer is non-flammable and has an extremely low emis- sion level of volatile organic compounds (VOC). There- fore, the product is considered non-hazardous for those who use the product and final users of the environments where it is applied. It may also be stored without taking particular precautions.

Uses:

Multi-purpose, ready-to-use primer for internal and external floors and walls. Iso primer may be used to improve the bond of all types of cement, gypsum and lime-based plasters on substrates made from concrete, brickwork, vibro-compressed concrete blocks, lightweight blocks and gypsum. Iso primer is also suitable for improving the bond of adhesives for ceram- ics, smoothing and levelling compounds on non-absorbent surfaces, such as ceramic, terrazzo and natural stone floors.

Some application examples:

- Application of render on concrete, brickwork, substrates, etc.
- Application of smoothing and levelling compounds on old ceramic, terrazzo and natural stone floors.
- Laying ceramic and natural stone floors directly on top of old ceramic floors.



Technical Properties:

Consistency :	creamy liquid .
Colour :	grey
Density (g/m ³) :	1.48 pH: 8.5
Dry solids content (%) :	70
Emicode :	EC1 Plus - extremely low emission level
Resistance to humidity	Excellent.
Resistance to ageing	Excellent.
Resistance to solvents and oils :	fair
Resistance to acids and alkalis :	fair
Resistance to temperatures :	Excellent.
APPLICATION TEMPERATURE RANGE	
From +5°C to +35°C	Waiting time before applying render: 15-20 minutes (dependant on substrate's temperature and porosity)
Waiting time before applying smoothing compound	30 minutes (dependant on substrate's temperature and porosity)

Coverage:

Consumption varies between 0.20 and 0.30 kg/m² accc absorption of the substrate.



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Application Procedure :

-Preparation of the substrate Substrates must be clean well-cured and free from oil, grease, cement laitance a

-Removed easily from floors, walls and tools with water it must be removed with alcohol.

RECOMMENDATIONS:

- Apply at temperatures between +5°C and +35°C.

- Do not use ISO PRIMER 1054 in the presence of rising damp or rising humidity, and on continuously immersed surfa

- ISO PRIMER 1054 is ready-to-use, no dilution is required.

- Do not use as adhesion promoter for adhesives and le compounds on screeds and power-trowelled concrete.

Cleaning:

Clean all the tools with water immediately after use. Hardened materials can be removed mechanically only.

Packing:

ISO PRIMER 1054 is available in 18 kg or in 5 k

Storage:

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment.

Shelf life:

Shelf life is up to 12 months when stored as per recommendations.

Health and Safety:

As with all construction chemical product, caution should be always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

*Prior to each use of any product of ISOBIT, its subsidiaries or affiliates ("ISOBIT"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Datasheet which are available at www.isobitiraq.com or by calling ISOBIT's Technical Service Department at +9647501136936. Nothing contained in any ISOBIT literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each ISOBIT product as set forth in the current product label, Product Data Sheet prior to use of the ISOBIT product. ISOBIT warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO***

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