Technical Datasheet

ISOMAT 2-IN-1 PRIMER

Colorable primer for interior use

Description

ISOMAT 2-IN-1 PRIMER is a white acrylic primer for interior use, colorable in a wide range of light colors through the ISOMAT COLOR SYSTEM tinting system. It has a dual role; it primes and undercoats. It provides ultimate adhesion for subsequent coats of paint by regulating substrate absorbency while increasing the overall opacity, thus reducing the total amount of paint needed. Overpaintable with ISOMAT interior paints.

Fields of application

ISOMAT 2-IN-1 PRIMER is suitable for use on new or old interior surfaces made of plaster, concrete, gypsum board or surfaces treated with acrylic or cement-based fillers. It can also be used as an intermediate coat when turning a light-colored surface to a much darker color and vice versa, reducing the total number of coats needed.

Technical data

Appearance:	emulsion
Color:	white (colorable through ISOMAT COLOR SYSTEM)
Volume solids:	46 ± 3%
Density: (EN ISO 2811-1)	1.62 ± 0.02 kg/l
Viscocity: (EN ISO 2811-1)	110 ± 10 KU
pH: (EN ISO 4316):	8.7 ± 0.5
Drying time: (EN ISO 9117)	30-60 min touch dry (+20°C)
Recoat time: (EN ISO 9117)	3-4 h (+20°C)
Opacity: (EN ISO 6504-3)	93% (spreading rate 12-14 m²/l)
Whiteness: (ASTM E313-15)	85 ± 2%

Cleaning of tools:
Remove as much of the remaining paint as possible from application tools before cleaning. Clean tools immediately after use with water and detergent.

Directions for use

1. Substrate preparation
The substrate should be stable, clean, dry and free of grease, dust, etc. while any imperfections should be repaired with a proper material in advance.

2. Application
Stir ISOMAT 2-IN-1 PRIMER well before use. Apply it evenly in one or two coats, thinned up to 15% with clean water, using a roller, brush or airless spray.

Coverage

ISOMAT 2-IN-1 PRIMER covers 12-14 m²/l per coat, depending on thinning percentage and substrate absorbency.

Packaging

3 l and 9 l containers.

Shelf life – Storage

24 months from production date if stored in original, unopened packaging at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Remarks

Temperature during application and drying should range between +10°C and +30°C.

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Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory a, type WB, is 30 g/l (2010) for the ready-to-use product.
The ready-to-use product ISOMAT 2-IN-1 PRIMER contains a maximum of 20 g/l VOC.

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The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Research and Development Department of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore, the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product. | Edition: 27.01.2025