Technical Datasheet

FLEX-PRIMER

High-penetration, acrylic water-based primer

Description

FLEX-PRIMER is a polymer emulsion with high penetrating ability used to consolidate porous substrates, ensuring proper adhesion of water-based paints, tile adhesives, flexible mortars, liquid-applied elastomeric membranes, acrylic renders, etc.
By penetrating deep into the substrate pores, it acts as a bonding layer between the substrate and the paint, adhesive, mortar, coating, etc. to be applied.
Has achieved the Eurofins Indoor Air Comfort GOLD certification, which sets the stringent criteria for very low emissions of volatile organic compounds (VOCs) and contributes to good indoor air quality, ensuring a safe and healthy living environment.
Classified A+ (the highest rating), according to the French VOC regulation, for evaluation of VOC emissions.
FLEX-PRIMER has received an Environmental Product Declaration (EPD) following an assessment of its life-cycle environmental impacts. Registration No: EPD-IES-0006176, The International EPD® System.

Fields of application

Ideal for use in combination with the premium elastic waterproofing paint ISOMAT FLEXCOAT, forming an ideal waterproofing system for walls.
Used as a ready-to-use primer to ensure the adhesion of water-based paints and acrylic renders to porous substrates made of concrete, masonry, render, gypsum boards, chipboards, etc.
It can consolidate weak or crumbling renders.
Also used to stabilize and reduce the water absorption of surfaces like gypsum boards or chipboards to be covered with tile adhesives, the two-component, highly flexible, waterproofing cement-based slurry AQUAMAT-ELASTIC, or the elastomeric liquid membrane for waterproofing under tiles ISOMAT SL-17.
Suitable for indoor and outdoor applications.

Technical data

Form:	emulsion
Color:	transparent off-white
Volume solids:	11 ± 1%
Density:	1.00 kg/l
Drying time: (EN ISO 9117)	1 h (touch dry)
Recoat time: (EN ISO 9117)	4 h

Directions for use

1. Substrate preparation
The surface to be primed must be dry and free of dust, grease, dirt, etc.

2. Application
FLEX-PRIMER is thoroughly stirred and uniformly applied over the substrate by brush, roller, or spray prior to painting.

Consumption

100-200 g/m^2 depending on substrate absorbency.

Packaging

Plastic containers of 1 kg, 5 kg, 10 kg and 20 kg.

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 should be at least +5°C.

FLEX-PRIMER

Volatile Organic Compounds (VOCs)

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

ISOMAT S.A.
BUILDING CHEMICALS, MORTARS & PAINTS
HEADQUARTERS – THESSALONIKI, GREECE
17th km Thessaloniki – Ag. Athanasios Road
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece
T +30 2310 576000
www.isomat.eu e-mail: support@isomat.eu

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: 29.04.2025