

0650 ASILOX UNION

ACRYLIC-SILOXANE FILLER UNDERCOAT



Building



Interior/Exterior



Roller



Water based



Brush



Protect from frost

Description and Use

ASILOX UNION is an undercoat made from acrylic and siloxane resins, ideal for preparing the substrate before applying siloxane or synthetic finishes in general.

The presence of an acrylic binder ensures good adhesion on any type of substrate, both synthetic and mineral, while the siloxane resin guarantees the breathability of the surface and makes it water repellent.

Furthermore, the product's granular nature guarantees excellent levelling and filling power on irregular and non-uniform substrates.

ASILOX UNION is perfect for application on any type of plaster or render, on concrete and on painted surfaces.

Substrate preparation

MASONRY SURFACES:

The substrate must be cured, not chalking and clean (without grease, oil or other polluting agents).

For degraded surfaces, remove all traces of old peeling paint and any efflorescence.

If mould or algae are present, treat the substrate with DECISO code 0610.

On plaster or render, level off any imperfections with a suitable smoothing compound and leave the treated parts to cure.

On new, powdery or highly absorbing plaster, on fillings or old flaking paints apply one layer of masonry fixative solvent-based CLIM-O-PAINT PRO code 1004, otherwise the water-reducible type SUPERFIX code 0010 or GREY FIX code 0011, in order to make uniform the substrate absorption.

CONCRETE SURFACES:

The concrete must be sound, fully set and dry.

Clean off any dismantling oil residue, flaking material and dirt.

If mould or algae are present, treat the substrate with DECISO code 0610.

Remove all loose parts until you get to the rods.

Buff thoroughly or sand the reinforcing bars to bare metal; get rid of rust and dust.

Treat the rods with a passivating grout; apply fibre-reinforced mortar for thick restorations, and then level with the skim coat; leave the patches to cure before applying the insulating primer, CLIM-O-PAINT PRO item code 1004 or water-dilutable primer SUPERFIX item code 0010 or GREY FIX item code 0011.

Make sure the surface is dry and continue by applying a layer of ASILOX UNION.

Application

Application method:

brush
roller

Dilution:

20-30% water, by volume

Recoating:

After 4-5 hours

Storage life

PROTECT FROM FROST. Store the packaged product at a temperature between +5°C and +35°C.

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 12 months. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with the current legislation.

Technical features

Colour	white
Appearance of the dry film	matt grainy
Maximum grading	0.5 mm
Specific weight	1.57 kg/l (± 0.02)
Liquid water permeability	class III (low), $W < 0.1 \text{ kg(m}^2 \cdot \text{h}^{0.5})$ UNI EN 1062-3
Water vapour transmission rate	class I (high), $< 0.14 \text{ Sd(m)}$ UNI EN ISO 7783-2
Practical cover rate *	5-7 m ² /l per one coat
Air drying (20°C - 65% RH)	1 hour, dry to touch
EU limit values for VOC content (Directive 2004/42/EC)	Cat. A/c, WB: max VOC 40 g/l product VOC < 40 g/l
* The yield may vary according to the roughness and absorption of the substrate and in relation to the application system used.	
The data are measured at a temperature of 20° C	

Warnings

- Product recommended for expert users.
- Always read the safety datasheet before use.
- Tool wash water and any product residues must not be released into the environment or discharged into the domestic sewage system. The recipient/product/wash water must be disposed of in accordance with national laws.
- Wear protective gloves and garments, and in the event of contact with the skin wash with plenty of water and soap.
- Acquire all the material required to finish the work of the same batch.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market and the tinting of the product can lead to slight deviations in the declared values, in the colour and in the aesthetic effects obtained. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

Do not apply in foggy or rainy weather, or when the relative humidity exceeds 75%.

Exterior applications need to be protected from rain for at least 48 hours, and in any case until complete drying.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.tecnica@impa.it.