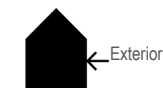


## 0780 ASILOX FILL

ACRYL-SILOXANE FILLING PAINT, RESISTANT TO ALGAE AND MOULD GROWTH



### Description and Use

ASILOX FILL is a matt looking finish, easy to work with, featuring good adhesion to all types of substrate, high water repellence and weathering resistance, as well as good transpirability.

Special additives ensure high resistance to algae and mould growth on the treated surfaces; the quartz grain allows to have a good smoothing and filling effect in case of irregular and non-homogeneous surfaces.

It is suitable to be applied on plasters, new or painted, made up with lime and on any cement-based plaster in general. It can be coloured using the ADVANCE HT tinting system.

### 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 new plaster apply one layer of masonry fixative water-reducible type POLY ACRYL code 0004 or GREY FIX code 0011.

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.

Where the surfaces features cracks, fissures or crackles, use the fixative CLIM-O-PAINT PRO code 1004 or else SUPERFIX code 0010 or GREY FIX code 0011, fill and then apply one or two coats of RUBBER ONE code 0612.

#### 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; spread a fiber-reinforced mortar suitable for high thickness restoring, and next even out with a suitable levelling compound; allow any patching to rest before treating with the fixative-insulating agent.

Make sure the surface is dried, then continue applying two coats of ASILOX FILL.

## Application

### Application method:

brush

roller

airless spraying: we recommend the use of piston or diaphragm pumps with high pressure electric or gasoline engines (200-250 bar). Choose nozzle and spraying angle depending on the structures to be treated: the angle should not be lower than 17 (0.017 inches = 0.43 mm) and not higher than 23 (0.023 inches = 0.58 mm) and the nozzle must be self-cleaning. The spraying angle of the nozzle is very important in order to optimize the spraying.

### Product preparation:

Stir thoroughly to achieve even colour and consistency.

### Dilution:

by weight: 20-25% water for the first coat, 15-20% for the second one.

by volume: 30-35% water for the first coat, 25-30% for the second one.

When using Base ED, dilution should be reduced by 50%.

### Recoating:

Wait 5-7 hours between coats.

## 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 lot shown on the packaging. The lot number comprises 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 current legislation.

## Technical features

Color	white
Binder	siloxane-acrylic dispersion
Maximum grading	0.1 mm
Specific weight	1.54 kg/l ( $\pm$ 0,03)
Viscosity	18000-23000 mPa.s Brookfield RVT rpm 20 s 9
Liquid water permeability	classe III (bassa), $W \leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$ UNI EN 1062-3
Water vapour transmission rate	classe I (alta), $<0.14 \text{ Sd(m)}$ EN ISO 7783-2
Practical cover rate *	4-5 m <sup>2</sup> /l per two layers
Air drying (20°C)	1-2 hours, 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	

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## Warnings

- Product recommended for expert users.
- Always read the safety datasheet before use.
- The recipient/product 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.technica@impa.it](mailto:assistenza.technica@impa.it).