

## 0776 IMPASILOX COAT 1.5 mm

SILOXANE-BASED COMPACT THICKNESS COATING,  
WITH PROTECTIVE FILM AGAINST THE GROWTH OF A  
WIDE RANGE OF ALGAE AND MOULD



Water based



Protect from frost

### Description and Use

IMPASILOX COAT 1.5 mm is a wall coating with plaster effect, based on siloxane resins, combining the transpirability typical of mineral products with the waterproofing properties of synthetic binders. It offers a compact finish, with great levelling and filling power in case of irregular and nonhomogeneous surfaces.

Special additives make the film of the product protected from the development of a wide range of species of algae and moulds.

IMPASILOX COAT 1.5 mm is an outdoor wall finish, easy to work with, featuring good adhesion to all types of substrate, as well as excellent weathering resistance. It is suitable to be applied on plasters, new or painted, made up with lime and on any cement-based plaster in general, and is suitable for suitably treated thermal insulation systems.

It can be coloured using the ADVANCE HT tinting system.

### Substrate preparation

#### MASONRY SURFACES:

The underlying surface must be seasoned, intact, dry, free of chalking parts and foreign matters which may damage the product adhesion.

If the surface is already painted, take off completely the pre-existing coating, in order to ensure the substrate transpirability.

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

On plaster, level any unevenness with a suitable skim coat and allow the treated areas to cure.

#### 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.

Continue to prepare the substrate treating with IMPASILOX PRIMER code 1343, wait about 8 hours and apply two layers of IMPASILOX FILL.

## Application

### Application method:

IMPASILOX COAT 1.5 mm has to be applied with a steel trowel and finished by a plastic float.

### Product preparation:

Stir thoroughly to achieve even colour and consistency.

### Dilution:

Product is ready-to-use and must not be thinned.

## 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
Appearance of the dry film	matt
Maximum grading	1.5 mm
Specific weight	1.82 kg/l (± 0.03)
Viscosity	50000-60000 mPa.s Brookfield RVT rpm 20 s 6
Liquid water permeability	class W <sub>3</sub> (low), ≤ 0.1 kg(m <sup>2</sup> · h <sup>0.5</sup> ) UNI EN 1062-3
Water vapour transmission rate	class V <sub>2</sub> (medium), 0.14 ≤ Sd < 1.4 (m) UNI EN ISO 7783-2
Typical practical consumption	2.5-2.8 kg/m <sup>2</sup> per one coat, on average coarse substrates.
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 data are measured at a temperature of 20° C	

## 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).