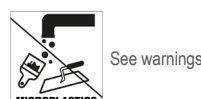
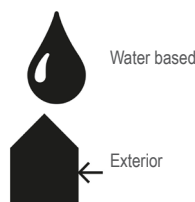


0776 IMPASILOX COAT 1.5 mm

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



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 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
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 ₃ (low), $\leq 0.1 \text{ kg(m}^2 \cdot \text{h}^{0.5})$ UNI EN 1062-3
Water vapour transmission rate	class V ₂ (medium), $0.14 \leq S_d < 1.4 \text{ (m)}$ UNI EN ISO 7783-2
Typical practical consumption	2.5-2.8 kg/m ² 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

- The product contains synthetic polymer microparticles (SPM).
- INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT
- **In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.**
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, solvents or thinners used for cleaning tools, as well as any product residues, MUST NOT be released into the environment or poured down domestic drains.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.

Warnings

- Product recommended for expert users.
- Always read the safety datasheet before use.
- 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.