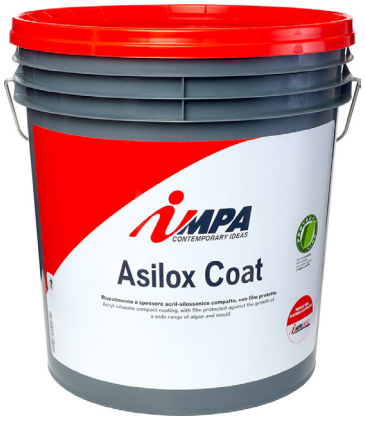
0655 ASILOX COAT 1.2 mm

ACRYL-SILOXANE COMPACT COATING, WITH FILM PROTECTED AGAINST THE GROWTH OF A WIDE RANGE OF ALGAE AND MOULD



Water based

Exterior

See warnings

Trowel

EN 15824

Advantages

→ Suitable for the external thermal insulation composite system
→ The product complies with CAM 2025 requirements for outdoor use

Description and Use

ASILOX COAT 1.2 mm is a plaster-effect plastic coating made from limestone aggregate, acrylic copolymers and polysiloxanes in aqueous emulsion.
The product features broad-spectrum protection against growth of algae and mould species.
The product's formulation allows for good workability, while the presence of specific additives improves adhesion.
ASILOX COAT 1.2 mm provides a compact finish, with excellent levelling and filling power on irregular and non-uniform substrates; it is ideal for application on lime-cement plasters and renders and for external thermal insulation composite systems, suitably treated with reinforced skim coats.
It can be coloured using the ADVANCE HT tinting system.
The product also complies with the award requirement according to the Ministerial Decree of 24 November 2025 (CAM 2025 Edilizia): ISO 14001 certified company.

Substrate preparation

The substrate must be solid, compact and clean (free of grease, oil and other contaminants).
If mould or algae are present, treat the substrate with DECISO code 0610.
For degraded surfaces, remove all traces of efflorescence and old peeling paint.
Any imperfections on the façade surfaces must be repaired using a suitable skim coat, as well as evaluating the need to apply a reinforced skim coat for levelling the surface.
On new finishing plasters, renders and skim coats, wait until the coatings have cured completely.

MASONRY SURFACES (lime-cement plasters and renders and reinforced skim coats):

- When the coatings have completely cured, apply a layer of CLIM-O-PAINT PRO solvent-based insulating primer, item code 1004, or SUPERFIX water-based primer item code 0010, in order to ensure uniform substrate absorption.
- Following application, apply an optional layer of GREY FIX water-dilutable pigmented primer item code 0011.
- Wait at least 16-24 hours before applying the thick coating.

ETICS SYSTEM:

- When the reinforced skim coat has fully cured, apply GREY FIX water-dilutable pigmented primer item code 0011 or UNIX PRO 0593.
- Wait at least 16-24 hours before applying the thick coating.

IMPA S.p.A Unipersonale Via Crevada, 9/E 31020 San Pietro di Feletto (TV), Italy Tel. +39 0438 4548 Fax +39 0438 454915
Società soggetta ad attività di direzione e coordinamento di Fassa S.r.l. - info@impa.it - www.impa.it

Application

Application method:
ASILOX COAT 1.2 mm is applied using a steel trowel and finished by plastic trowel.

Product preparation:
Stir thoroughly to achieve even colour and consistency.
ASILOX COAT 1.2 mm is ready to use and must be used without the addition of other materials, with the exception of water (2% by weight) if the material has been stored for several months.

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 18 months. Check the product's shelf life by referring to the production date shown on the packaging. Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

Colour	white
Granulometry	1.2 mm
Specific weight	approx 1.85kg/l
Water permeability EN 1062-3	Class W3, low (W ≤ 0,1 kg/(m² · h#1a#0,5))
Water vapour permeability EN ISO 7783-2	Class V2, medium (0,14 m ≤ Sd < 1,4 m)
Adhesion EN 1542	≥ 0.3 MPa
Resistance to fire EN 13501-1	A2-s1, d0
Thermal conductivity EN 1745	λ = 0.74 W/m·K (tabulated value)
Typical practical consumption	on skim coats and fine plasters/renders: approx. 2.0-2.3 kg/m²
	on float-finished base coat plasters/renders: approx. 2.2-2.5 kg/m²
EU limit values for VOC content (Directive 2004/42/EC)	Cat. A/c, WB: max VOC 40 g/l product VOC < 40 g/l

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.
- Product recommended for expert users.
- Always read the safety datasheet before use.
- Use water to clean tools.
- Acquire all the material required to finish the work of the same batch.
- Apply the product on cured and dry plaster/render.
- Do not apply the product on alkaline substrates so as not to alter its resistance to frost, rain or development of the product colour.

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Warnings

- Do not apply when rising damp is present.
- Avoid application on façades in full sunlight or with strong winds.
- Avoid applying the material on the same façade at different times.
- Do not apply on damp surfaces and/or in colder periods, as the coating may detach from the surface and the paint may blister due to the accumulation of moisture inside.
- Do not apply at temperatures below +5°C or above +30°C and with a relative humidity higher than 75%.
- The product is not suitable for protection of horizontal or inclined exterior surfaces, where water may accumulate.
- Protect exterior façades coated with ASILOX COAT 1.2 mm during application and on the days after drying against rain or other precipitation and high atmospheric relative humidity (fog) for at least 48-72 hours, so as to prevent phenomena such as stains, colour alterations, washing away, “streaking” etc.
- In certain cases, the additives used cannot guarantee the non-proliferation of specific plant micro-organisms over time, due to the high number of species of biodeteriogens and the different climatic conditions.
- The possible presence of grains that are darker colour on the surface should not be considered a defect, rather is due to the natural variability of the granular mineral and natural sands used in ASILOX COAT.
- Additional note regarding the product packaged in recycled plastic packaging, easily recognisable by the grey colour. The variability of the raw materials making up this type of packaging may make the mechanical strength and colour of the packaging inconsistent. Therefore, pay the utmost care when transporting and handling the product. Store protected from frost and direct sunlight, at a temperature between +5°C and +35°C.
- The images and illustrations are purely indicative. The characteristics and qualities of the product specified on the datasheet remain unchanged, regardless of the external appearance of the container.
- 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.

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