

LITHOS OVERALL

WATER- AND OIL-REPELLENT PENETRATING SEALER WITH ANTI-EFFLORESCENCE ACTION FOR STONE MATERIALS



INDOOR AND OUTDOOR STONE SURFACES SUCH AS TERRACOTTA, UNPOLISHED NATURAL STONE, CEMENT COMPOSITE MATERIALS, AND FAIR-FACED BRICK WALLS

COVERAGE

Coverage varies depending on the material to be treated, the required performance (more coats of product - up to a maximum of three - increase surface protection), and any dilution of the product. Under normal use and for surfaces of medium porosity (terracotta and unpolished stone), a coverage of **at least 20 m² per litre of pure product** can be considered.



TYPICAL USE

- Lithos Overall is a **water-based water- and oil-repellent penetrating sealer, for interior and exterior use**, containing fluorinated copolymers and polysiloxanes.
- It is suitable for stone materials such as terracotta, unpolished natural stone, cement composite materials, and fair-faced brick walls and can be **used as a finish or a protective primer before further treatments**.
- **When diluted** it is also suitable for **compact stone materials with low porosity**.
- Its **anti-efflorescence action** helps it protect against rising damp.

BENEFITS

- It possesses outstanding **penetration capacity** in porous materials (e.g., terracotta): an essential property especially for materials placed outdoors that are susceptible to strong rising damp.
- It **counteracts the formation of exfoliation** due to a concentration of salts near the surface of the material.
- It can be used **for both horizontal and vertical surfaces**.
- It **does not form a surface film, leaving the material breathable** and maintaining water vapour permeability.
- It **prevents the adhesion and absorption** of dirt, oily materials, chewing gum, etc.
- It may be **applied even to damp**

surfaces.

- It is a **water-based product**, so it reduces working time.
- It **does not** significantly **alter** the appearance and colour tone of the material.
- **Easy** to use and maintain.
- **Safe** for the environment and the user.

APPLICATION METHOD

The product can be used **pure or diluted**.

Before applying:

- The **surfaces** to be treated and the tools used must be **clean**.
- **Shake the product well**.

Tools to be used:

Brush, wax applicator, rag or low pressure spraying equipment.

How to apply the product:

- Use in environments with temperatures above +5°C and below +30°C.
- Spread the product evenly on the surface to be treated. Lithos Overall **can be applied in two coats** using the "wet-on-wet" technique (it is best to apply the second coat when the surface is still damp, to allow the product to be better absorbed).
- **To protect masonry from salt efflorescence and to treat compact materials with low porosity**, it is possible to dilute the product by up to 50% in water.

- Its **complete protective action** is achieved after at least 48 hours from application.
- For the application of further finishing products, it is advisable to always carry out preliminary tests.
- For special needs and/or operations, please contact our Technical Office.

Drying speed of the product:

It can dry in 2-4 hours depending on the ventilation of the environment where it was applied. Any subsequent treatments (e.g., finishing waxes or oils) can be applied to a dry surface within 24 hours from the first coat of Lithos Overall.

Tool cleaning:

Rinse well with water any tools used.

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WATER-BASED WATER- AND OIL-REPELLENT PROTECTIVE
FINISH FOR STONE MATERIALS



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PACKAGING

- 1-litre bottle (box contains 12 pieces)
- 5-litre can (box contains 4 pieces)
- 20-litre can (pallet contains 36 pieces)
- 200-litre metal drum (pallet contains 4 pieces)

Transport packaging consists of ECO-SUSTAINABLE PALLETS (with certification of use of wood sourced from PEFC-certified forests).

TECHNICAL SPECIFICATIONS

Appearance: liquid

Colour: white

Odour: plant essence

pH: 6,30 (at 25°C)

Density : 0,99 g/ml

Solubility: completely miscible in water

Boiling point: about 100 °C

WARNINGS

- **Do not spray product:** inhalation of aerosols and/or mists may cause respiratory problems.
- In case of imminent rain **do not use** the product on exposed surfaces outside. **Protect external surfaces** if there is a risk of run-off before 48 hours after application.
- Protect eyes and wear protective gloves and clothing.

STORAGE

Store the product in its original container, tightly closed, in a cool and ventilated place, away from heat sources. Storage temperature: between +5°C and +30°C. Validity: 6 months from production (see batch on the packaging).

LABELLING

No hazard statement.

Precautionary statements

Keep out of reach of children.

This information is the result of our broadest scientific and operational experience to obtain the best results on the specific job. However, this information is not binding and does not imply our contractual responsibility, nor an accessory obligation with the contract of sale. It does not exempt the purchaser from their responsibility to personally test our products as to their suitability for their intended use. The information provided on this sheet is based on our current knowledge and, in case of changes due to new technologies and/or developments in the sector, it will be modified. Therefore, the Customer is obliged to verify that this sheet has not become obsolete as a result of being replaced by subsequent versions. If in doubt, contact our Technical Office.