

FOR STONE: PLASTER, BRICK, NATURAL STONE, TERRACOTTA, CONCRETE, CEMENT MORTAR, MONUMENTS AND VARIOUS OBJECTS IN NATURAL OR ARTIFICIAL STONE, MARBLE.

COVERAGE

The amount of product to be used is strictly related to the type of material and its permeability (its ability to receive the product). The table gives an

indication of the coverage of some materials. For additional information or if you have any doubts, please contact our Technical Office.

Material	1st coat	2nd coat
Brick and roof tile	3,5 m ² /l	7 m ² /l
Porous concrete, mortar	2 m ² /l	4 m ² /l

Smooth concrete	5 m ² /l	9 m ² /l
Stone	2,8 m ² /l	5 m ² /l
Marble	4 m ² /l	9 m ² /l
Stucco	5 m ² /l	8 m ² /l
Plaster	4,5 m ² /l	8 m ² /l

TYPICAL USE

- ➔ **Water-repellent protective coating for stone**, a mixture of siloxanes in solvent.

BENEFITS

- ➔ Ideal for any type of stone surface, natural or artificial.
- ➔ **Penetrates** into the material **without clogging the pores**, but rather rendering them hydrophobic. **Does not alter the material's breathability.**
- ➔ **Does not alter** the tone or colour of the substrate.
- ➔ Creates a **barrier against "acid rain"**.
- ➔ **Reduces efflorescence** and the penetration of salty solutions typical of marine environments.
- ➔ **Prevents** anti-icing chemicals, salts or lime from infiltrating the structures of concrete bridges, thus preventing the serious damage that can ensue.

- ➔ **Reduces dirt** by retaining particles within the material less time.
- ➔ **Prevents material flaking or crumbling** that can be caused by freeze/thaw cycles.
- ➔ **Prevents** the formation of mould, algae, fungi, yeast and bacteria.
- ➔ **Not subject to wear** due to friction or foot traffic.
- ➔ **Does not react** to UVA radiation.

APPLICATION METHOD

This product is **ready to use**.

Before applying:

- ➔ The **surfaces** to be treated must be perfectly **clean and dry**.
- ➔ The **tools** must be **clean and dry**.

Tools to be used:

Roller, spraying equipment (airless), brush, immersion.

How to apply the product:

- ➔ Apply one or two coats depending on the material's capacity for ab-

sorption. For coverage, see the table above.

- ➔ Considering the special characteristics of the product and any reasonable grounds that may exist, **it can be used preventively when gluing floors of terracotta or similar material to the cement substrates**. In this way, Lithos Idrorep acts as an effective block, preventing water from rising up from the substrate. Before proceeding with the above application, consult our Technical Service.

Tool cleaning:

Organic solvents can be used for cleaning.

WARNINGS

- ➔ In the case of **spray application**, wear a mask with a type A filter.
- ➔ The product can accumulate static charges that can cause sparking (source of ignition).

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: 24 months from production (see batch on the packaging).

PACKAGING

- ➔ 1-litre can (box contains 12 pieces)
- ➔ 5-litre can (box contains 4 pieces)
- ➔ 20-litre PE jerrycan (pallet contains 36 pieces)

Upon request:

- ➔ 200-litre steel drum (coated internally, pallet contains 4 pieces)

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

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TECHNICAL SPECIFICATIONS

Appearance: liquid

Colour: colourless

Odour: mild, characteristic

Density: 0.752 g/ml

Solubility: not miscible in water, not soluble in organic solvents

Boiling point: about 170 °C

Flash point: 62 °C

Autoignition temperature: > 200 °C

LABELLING

Warnings

Danger

Hazard statements

May be fatal if swallowed or enters airways. Repeated exposure may cause skin dryness or cracking.

Precautionary statements

If medical advice is needed, have product container or label at hand. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician. DO NOT induce vomiting. Store locked up. Dispose of the product in accordance with local regulations.

