

Hydro Rep

Silicone waterproofing impregnator in aqueous dispersion with low environmental impact.



MAIN AREAS OF APPLICATION

It is particularly recommended for

Providing an invisible waterproofing treatment by impregnation of masonry of historic interest.

Recommended applications:

Making every kind of at least partially absorbent mineral surface waterproof, provided it is not too alkaline.

Suitable substrates (interior or exterior):

- Renders
- Exposed face brickwork
- Concrete
- Natural stone
- Tuff
- Sandstones
- Expanded cement
- Terracotta tiles
- Mineral thermal insulation materials
- Cement screeds of various types.
- Final protective coat for mineral exterior paints (lime, silicates).

CHARACTERISTICS

Permeable to water vapour: waterproofs in depth while leaving breathability unchanged.

Excellent consolidating power: ideal for consolidating weak or powdery substrates.

Protection of treated substrates from attacks by microorganisms, pollutants and atmospheric agents.

Invisible coating: does not alter aesthetics and is perfectly stable to UV rays.

APPLICATION METHOD

Substrate preparation

The substrate must be clean, flat, cohesive and free from any kind of release agent

- **New substrates:** no precautions beyond those indicated
- **Degraded or powdery substrates:** remove all friable, poorly cohesive or detaching parts and restore correct flatness with licata line materials with a composition most similar to the substrate.

Mixing preparation

Hydro Rep is a ready-to-use single-component product; it is however recommended to homogenise the product with a low-speed mixer before application.

Application

1. Apply the product in multiple coats until refusal, by brush, roller or airless spray, taking care to cover 100% of the surface to be treated.

2. Ensure that no runs or excess product are created, as these could cause halos and/or whitish stains.

**PRODUCT
INFORMATION**

Appearance	Clear liquid
Consumption	Product consumption depends on the nature of the substrates, their permeability and porosity. It is advisable to carry out preliminary tests during the diagnostic phase to establish exact consumption. In general terms Consumption for a cortical treatment can vary from 0.100 to 0.150 L
Dilution	Ready to use
Workability time at 20°C	Unlimited
Application temperature	From +5° to +35°C
Storage in intact original packaging	12 months in a dry place between +5° and +35°C
Packaging	Polyethylene containers of 1L; 5L; 10L
Solvent	Water

WARNINGS

- Professional use product.
- For applications other than those described in this datasheet, it is advisable to carry out a suitability check beforehand and/or contact Licata Technical Service for more information.
- Always check colour, consistency and appearance before application. Any claims in this regard will not be accepted after application.
- Do not apply in extreme conditions such as on frozen substrates or in the presence of fog/excessive ambient humidity. To avoid aesthetic and functional defects, in the case of direct exposure to sunlight, adequate shielding must be provided.
- Ensure that the temperatures of the environment, substrate and product during application and drying are between +5°C and +35°C.
- Adequately protect the product until completely dry and at least in the first 48-72 hours, protecting it from rain, wind, bad weather and direct sunlight.
- Temperature and humidity levels can accelerate (if high) or drastically slow down (if too low) the curing process, even stopping it altogether.
- The presence of scaffolding, the use of natural raw materials and the impossibility of controlling atmospheric conditions and the substrate can lead to resumption marks and inhomogeneity for which Licata SpA assumes no responsibility.
- Fresh product can be washed off with water.

SAFETY

Protect eyes and hands during application.
Consult and keep available the most up-to-date version of the Safety Data Sheet for information on correct disposal, storage and handling of the product.

NOTES

This technical datasheet supersedes and replaces all previous versions.
The indications and performance data provided in this document are based on our current technical-scientific knowledge and in any case are to be considered purely indicative and refer to standard laboratory conditions. The purchaser must therefore verify the suitability of the product for the specific case, assuming all responsibility arising from its use. All documentation necessary for the safe use of Licata SpA products is available in its most up-to-date form on the company website licata SpA. Furthermore, our technical-commercial network guarantees rapid consultancy and is at your disposal for information and clarifications. For further information please contact Licata Technical Service at servizio-tecnico@licataspa.it
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