LPI

Les Protections Inorganics

Permanent Coating System

Product Information

LPIAdCoat – Permanent Coating System - colored

LPI**AdCoat** is a Sol-Gel based, chemical nanotechnology, two component mono coat coating that protects from graffiti-paints, chemical, organic, and other contamination.

Fusion technology with exceptional adherence. More on fusion technology

This product can be stored at least 12 months if stored in a cool and dry storage room and in the original container.

Consumption:

Appr. 4-5 m^2/liter, 50-100 pi2/liter depending on the substrate. This can vary largely.

Processing temperature:

+ 5C to +30°C - Avoid direct sunlight and/or high air humidity.

Application:

The following steps are recommended to obtain the best results:

1. The substrate needs to be dry and free of fats, oils, and dust. Before starting with the application, it is important to check if the substrate could become wet from within in any case.
2. The permanent coating system bonds very well to Concrete (road- and rail tunnel), subway, underground car park, bridge, cooling tower, waste pipe etc. If it is designated to be applied to plastic compounds, tiles or any other not specifically listed surface individual tests need to be conducted to assure performance and bonding of the system.
3. Mixing ratio: Base: hardener 6:1 (by weight)
   Stir Base before adding the Hardener. Mixture must be stirred well for a few minutes until a homogenous mixture is achieved.
   The completed material can be used 4h at 25°C.
4. The material can be applied with Airless-spraying, lambskin paint roller or paintbrush. After the 2 components were mixed (regarding the net weight!) the system should be applied with an airless spray gun (with a 0.07” nozzle) with a minimum layer thickness of 80µm. The surface needs to be evenly saturated – even coverage is crucial for the system to work properly. The application can also be done with regular compressed air spray guns, brushes, or rolls.
5. Dry weather between 5 and 30C. Absolutely avoid humidity when coating.

Surface aspects

- Concrete, mineral surfaces. Other substrates can be coated, but compatibility needs to be tested prior to an application.

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- The substrate must be dry and free of any fats and dust. Prior to the application the bonding should be confirmed on a test panel.
- Dust-dry after appr. 2 h at 23°C / 50% rel. air humidity. Touch-dry after appr. 48 h at 23°C / 50% rel. air humidity.
- Layer thickness should be appr. 80 - 200 µm after drying.

Cleaning

The individual components as well as the mixed system can be diluted with esters, alcohol, as well as ketones.
Used tools can be cleaned with the above mentioned solvants.

Read carefully:
The information on this data sheet is based on the current status of technical development as well as our experience with the product. However, given the variety of surfaces and ambient conditions, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care, that our product is suited for the intended purpose, surface, and application conditions. Since application and processing lie outside our view, no manufacturer liability shall be derived from the information provided herein. Our General Terms and Conditions of business shall apply in all cases. All information is subject to change without notice.

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