



**Permanent Coating system-50 y/o terrazzo**

### Product Information

#### LPIAdSil – Transparent Nano Hybrid Fusion Technology

#### [More on Fusion Technology here](#)

AdSil is a 2K (base + hardener) clear coating material based on sol-gel technology with easy-to-clean surface and anti-graffiti properties. The material cures at room temperature with good adhesion, good mechanical properties, weatherproof and very good corrosion protection on Aluminum and other metals.

**LPI AdSil is solvent based. Easy to apply very resistant to abrasion, UVs, contamination, and anti-graffiti (road signs, postal boxes, parking meters etc.**

### Field of Application:

Stainless steel, Aluminum, Powder coatings, GFK, Concrete (note: primer recommended!) Terrazzo, Plastics, Fiberglass and Painted surfaces can coated. (always test a small surface first).

### Product features:

One coat paint with low dry-thickness  
 Transparent  
 Hydrophobic  
 high gloss or matt  
 resistant against a variety of solvents  
 chromate and lead-free  
 hydrophobic (anti-graffiti)

### Consumption:

Apr. 15 – 17 gr./ m<sup>2</sup>, 500-600 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 Stainless steel, Aluminum, Powder coatings, GFK, concrete surfaces (note: primer recommended). Terrazzo, Epoxy, Plastics, fiber glass, painted surfaces. (test a small area first)
3. Mixing ratio: Base: hardener 4:1 (by weight) Stir Base before adding the Hardener. Mixture must be stirred well for a few minutes until a homogenous mixture is achieved.



## Les Protections Inorganics

- The completed material can be used 4h at 25°C.
4. The material can be applied with Spraying, lambskin paint roller, paintbrush.  
Dilution possible with alcohol, ketone and glycol ether.
  5. Hardens at room temperature:
    - Dust dry (25°C) after 5h
    - Hard dry (25°C) after 12h

### Coating thickness:

5 – 10 µm after curing.

### 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 solvents.

### Cleaning coated surfaces:

Rough or large surfaces can be cleaned with a biologically degradable cleaner and a pressure washer at appr. 80-120 bar water pressure. If needed, one can use an organic solvent for paints and stain. We suggest using [LPI GreenClean](#).