



**LEVASSEUR**  
*Your paint expert*

# POLYFOND ANTI GRAFFITI AGUA VARNISH

## PRODUCT DESCRIPTION

Polyfond Anti Graffiti Agua is a 2 component water based aliphatic polyurethane with a VOC (volatile organic compound) below 35 g / L. The varnish is matt.

## APPLICATION FIELD

Polyfond Anti Graffiti Agua is used as a permanent non-yellowing graffiti varnish, with excellent resistance to weathering and chemicals. Easy to clean even at high pressure. Applicable on all kind of supports and minerals and on Toptex. 3 coats are recommended for optimum performance. On new mineral support, 3 coats are also recommended, the first being diluted.

It's also important that the total thickness of the 3 layers doesn't exceed 400µ wet (= 100µ dry).

## PARTICULARITY OF THE COATING

Excellent adhesion on most mineral substrates such as concrete, brick, bluestone, French stone, granite, flint washed, natural or reconstituted stone, architectural concrete, etc...).

Resistance to saponification (alkaline media).

Resistance to fouling, atmospheric fouling, dust, combustion residues.

UV and weathering resistance (non-yellowing, waxy, maintaining the level of brightness, keeping the compromise flexibility / hardness).

Excellent balance between surface hardness and internal flexibility.

Resistance to abrasion, shock, scratch and usury.

Resistance to graffiti (paint, glue posters, tar, etc...).

Resistance to chemicals (oils, greases, diluted acids, saline attacks, attacks alkaline wastewater, hydrocarbons, harsh detergents, organic solvents, etc...).

Resistance to atmospheric attack (erosion, weathering, salt spray, acid rain, etc...).

Scrub resistance : This product is classified Class I according to EN ISO 11998 "Determination of wet-scrub resistance and cleanability of coatings".

Permeable to water.

Impermeable to liquid water, good humidity resistance.

Resistance to carbonation (CO<sub>2</sub> diffusion, SO<sub>2</sub>).

Resistance to molds and fungi.

## PRODUCT CODE

94/430 (Matt)

## TERMS OF USE

Room temperature : Min. 10°C

Humidity level : Max. 80%

Temperature of the substrate : Min.10°C

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## PREPARATION OF SURFACE

Remove all traces of grease, silicone and old, non adhering paint.

## PREPARATION OF THE MIXTURE AND USE OF THE PRODUCT

100 parts of Polyfond Agua Anti Graffiti  
25 parts Hardener 94/43 I  
Potlife of mix : 2H à 20°C  
Theoretical performance : 6-8m<sup>2</sup> / liter / layer.  
Application in 3 layers.  
Brush or roller :  
- Dilute with 5% water  
Spray gun :  
- Dilute with 10% water  
- Opening 1,8 à 2,0 mm  
- Pressure from 2,5 to 3,5 bar  
Airmix :  
- Dilute with 10% water  
- Opening 0,23 to 0,28 mm  
- Product pressure 60 to 100 bar  
- Air pressure 3,0 to 4,0 bar  
Airless :  
- Ready to use  
- Opening 0,23 to 0,28 mm  
Product pressure 100 to 150 bar

## DRYING TIME AT 60% RH AND 20°C

Off dust : 60 minutes.  
Out of touch : 4H.  
Recoverable after 5H.  
Anti-graffiti properties after 10 days.

## CHEMICAL PROPERTIES

Resistance to saponification (dipping a slab of concrete covered with varnish in a solution of sodium carbonate at pH 11 for 1 month): No change.  
Humidity cabin (100% RH - 35°C): No change after 1 month.  
QUV test : 60H without yellowing.  
Dry extract : 25% (volume).

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## PARTICULARITIES OF THE 94/430

|                        | <b>Polyfond Anti Graffiti Agua<br/>94/430</b> | <b>Durcisseur 94/431</b> |
|------------------------|---|--------------------------|
| Type of resin          | acrylic hydroxylated resin                    | aliphatic polyurethane   |
| Dry extract            | 26  | 80                       |
| % water                | 71  | NA                       |
| % solvents             | 3   | 20                       |
| % loads                | 4   | NA                       |
| % resin                | 21  | 80                       |
| Ratio pigment / binder | 0,20  | NA                       |
| Specific weight        | 1,16  | 1,06                     |
| VOC (gr/lit)           | 29  | 212                      |
| Factor C               | 0,02  | 0,09                     |
| Viscosity              | LVT2/12=200mPa.s                              | LVT3/12=860mPa.s         |

## CLEANING OF THE MATERIAL

Immediately with water.  
Otherwise use the Agua Cleaner D7/111.

## REMOVAL OF GRAFFITI

The removal of graffiti is done by using the Graffiti-Net gel 92/678.  
Moisten the surface to allow the product to cover all the inequalities. Treat with small surfaces.  
Leave the product for a few seconds, avoiding streams.  
Clean with a soft brush or cloth until no graffiti is left. Wipe thoroughly with a clean cloth.  
Repeat after a few minutes if necessary.  
Removal of graffiti should be done by dry weather, with temperatures under 35 ° C to minimize evaporation of solvents contained in the Graffiti-Net gel.

## STORAGE CONDITIONS

Conservation : 1 year in a tightly closed container in a dry, cool and well ventilated area.  
Not resistant to frost, do not transport or store below 5°C.

*Our information on the technical product is used only as assistance to professional workers. During the use of our products, we always advise to start with a test on a small area.*

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