

# New Guard Coatings Group

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## PEGAGRAFF® HYDRO

# Colourless anti-graffiti varnish

- Colourless anti-graffiti protection for porous concrete, natural stone, brick, interior wood, various coatings and paints
- Good UV resistance
- Acid resistant
- Alkali resistant



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# PEGAGRAFF® HYDRO

## DESCRIPTION

Pegagraff® Hydro is a clear, satin gloss, two-component waterborne polyurethane acrylic lacquer.

## RECOMMENDED USE

- Colourless anti-graffiti protection of many substrates (see list on page 2).
- Colourless varnish giving very good protection for floors, walls and interior surfaces.

## RECOMMENDED SYSTEM

Painted substrates

In principle, direct application on ALL painted substrates is allowed, with exception of elastomeric coatings, i.e. Murfill. A test surface has to be realised beforehand for heat curing paints and for powder coatings.

Not painted or untreated substrates

Only on reinforced concrete (remaining humidity level < 4 %), Pegagraff Hydro can be applied directly.

Not recommended substrates

- Do not apply Pegagraff Hydro on a mineral painted substrate where the relative humidity is higher than 6%. This concerns bricks, terra-cotta tiles, renderings, etc. In this case, a white film could be formed and more or less important adhesion loss will appear.
- Do not apply Pegagraff Hydro directly on not painted metal substrates such as aluminium, steel, zinc, stainless steel, copper, etc.
- Do not apply Pegagraff Hydro directly on bare wood for exterior applications.
- Do not apply Pegagraff Hydro directly on rough surfaces such as plaster, rough brickwork (masonry), etc.

## TECHNICAL DATA

Density:	±1,04
Gloss Level:	Satin
Gloss level at 60°:	Satin gloss: 35%
Solids content in volume:	± 40 % (Mischung)
Solids Content in weight:	± 42 % (Mischung)

## DRYING TIMES AT 20°C/RH 50%

Touch dry:	2 hours
Dry to handle:	4 hours
Dry to recoat:	5 hours
Pot Life:	10°C: 2,5 hours / 20°C: 2 hours / 30°C: 1 hour

## RECOMMENDED WET FILM THICKNESS

125 µm

## RECOMMENDED DRY FILM THICKNESS

50 µm

## THEORETICAL CONSUMPTION

5 - 8 m<sup>2</sup>/l

## PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

## SURFACE PREPARATION

Apply on a dry, clean and degreased substrate. Glossy and satin surfaces should be roughened up previously. When applying Pegagraff Hydro on Murfill, this should first be insulated with a coat of Paracem. When repainting surfaces protected with Pegagraff Hydro first an adhesion primer in Pegalink has to be applied.

Not painted metal substrates such as steel, aluminium, stainless steel, copper etc. have to be treated with a suitable paint before applying Pegagraff Hydro.

## DIRECTIONS FOR USE

Add the component B (small packing) completely and progressively to component A (large packing) with an electric stirrer. Allow the mixture to rest for about 5 minutes (defoaming). Although the mixture does not show a clearly perceptible thickening after 2 hours, we advise not to use the mixture anymore because of a diminished solvent resistance and reduced flow.

## APPLICATION CONDITIONS

> 5°C, < 80% R.H.

Apply in a well-ventilated place.

## APPLICATION & THINNING: BRUSH

All types can be used. Do not dilute.

## APPLICATION & THINNING: ROLLER

Preferably apply with a short haired roller. Do not diluted.

## APPLICATION & THINNING: AIRLESS SPRAY

Nozzle: 09 - 013 / Pressure: 120 - 180 bars. Do not dilute.

## APPLICATION & THINNING: AIR-ATOMISED SPRAY

Do not dilute.

## CLEANING OF EQUIPMENT / SPILLS

Water.

## REMARKS

With a consumption less than 5 m<sup>2</sup>/l, or applied too thick, Pegagraff Hydro can fade; please respect the consumption values.

## SAFETY DATA

VOC level:	20 g/l
VOC readymix:	20 g/l
VOC category:	A/j
VOC limit:	140 g/l
Flashpoint:	Comp. A: Not flammable; Comp. B: > 250°C
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

At least 1 year from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

Date issued: 11/01/2019

**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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