

PRODUCT DATA

PEGAGRAFF HYDRO

DESCRIPTION

Two-component waterborne polyurethane acrylic varnish.

MAIN PROPERTIES

Colourless - U.V. resistant - excellent flow out - solvent resistant thus allowing to remove most graffiti easily - very abrasion resistant - water vapour permeable.

RECOMMENDED USES

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

TECHNICAL DATA

Appearance:	Satin gloss (gloss 60°: ±35%)
Colour:	Colourless
Density:	±1.04 g/cm ³ (mixture)
Solids Content:	In volume: ± 40% (mixture) In weight: ± 42% (mixture)
Recommended film thickness:	Wet film: 125 micron (cons.: 8 m ² /l) Dry film: 50 micron (cons.: 8 m ² /l)
Flashpoint:	Comp. A: not flammable Comp. B: > 250°C
Water vapour permeability:	Sd = 1 m (at 55 micron dry)
Taber Abrasion:	Weight loss after 1000 cycles: ±10 mg. (CS10, load: 1000 g)
Potlife:	10°C: 2.5 hours / 20°C: 2 hours / 30°C: 1 hour
VOC-content:	20 g/l max.
Ready-for-use mixture:	20 g/l max.
Category:	A/j
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times	20°C/50% r.h.
To touch:	2 hours
To handle:	4 hours
To recoat:	After min. 5 hours (only for application of the 2 ND coat of Pegagraff Hydro)
Full hardness:	2 days (4 days at 10°C)

Coverage

Theoretical:	5 - 8 m ² /l
Practical:	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.

DIRECTION 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.

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APPLICATION & THINNING

- Brush: All types can be used. Do not dilute.
- Roller: Preferably apply with a shorthaired roller. Do not diluted.
- Air-atomised spray: Do not dilute.
- Airless spray: Nozzle: 09 - 013 / Pressure: 120 - 180 bars.
Do not dilute.
- Cleanup: Water.
- Remarks: With a consumption less than 5 m²/l, or applied too thick, Pegagraff Hydro can fade; please respect the consumption values.
- Substrates: 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.

APPLICATION CONDITIONS

> 5°C, < 80% R.H.
Apply in a well-ventilated place.

REMARKS

- After use, do not store residue mixture in airtight container.
- Irritating for persons allergic to isocyanates.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

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.

Rust-Oleum Netherlands B.V.
Braak 1, 4704 RJ
P.O. Box 138, 4700 AC
Roosendaal, The Netherlands
T +31 (0)165 593 636
F +31 (0)165 593 600
info@rust-oleum.eu
www.rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Halen, Belgium
T +32 (0)13 460 200
F +32 (0)13 460 201
info.be@ro-m.com
www.ro-m.com

Rust-Oleum France S.A.S
11, Rue Jules Verne, B.P. 60039
95322 St-Leu-la-Forêt Cedex
France
T +33 (0)1 30 40 00 44
F +33 (0)1 30 40 99 80
info.fr@ro-m.com
www.ro-m.com

Rust-Oleum UK Ltd.
Rotterdam House
116 Quayside
Newcastle
NE1 3DY
United Kingdom
T +44 (0)2476 717 329
F +44 (0)2476 718 930
info@rust-oleum.eu
www.rust-oleum.eu