LAK ALKYD SATIN

SOLVENT-BASED

Solvent-borne alkyd finishing lacquer with a satin aspect as well as a perfect smoothness and flow, resistant to wear and tear, dirt and skin sebum. Guarantees an excellent adhesion on previous coats of lacquer.

Ideal for all types of substrates subject to regular luminosity and intensive use.

AREAS OF USE

Previously painted[1] and **prepared**[2] **indoor and outdoor** substrates made of: wood and derivatives, metal[3], hard PVC...

Do not apply on horizontal surfaces that are in constant contact with water, nor on stairs, parquet and hardwood floors.

MAIN CHARACTERISTICS

- High covering effect.
- Water vapour permeable.
- Long open time.
- Good core hardening.
- Isolates most water-soluble stains after carefully cleaning the substrate.
- Excellent adhesion on previous coats of lacquer (after preparation).
- Perfect finish thanks to its excellent smoothness and flow.
- Excellent resistance to wear and tear, dirt and skin sebum (after the product is cured).
- Easy upkeep: washable (after the product is cured).

METHOD OF DILUTION

Ready-to-use. On slightly absorbent[4] substrates, dilute the first coat with 5 to 10% white spirit. Do not dilute the product if you want to isolate a water-soluble stain.

SPREADING RATE

12 to 15 m^2/l (theoretical spreading rate per coat that varies according to the application method, the evenness and porosity of the substrate).

EU limit value for this product (Cat A/d): 300 g/l (2010). This product contains at most 300 g/l of VOC.

AVAILABLE SHADES

With the 3 bases (W, M and TR), obtain a range of over 30,000 shades. Please be aware that the darker the shade, the weaker the resistance to abrasion and to UV rays. Our LAK ALKYD SATIN contains an alkyd resin which, indoors, ages differently than an acrylic resin. Tip: dye the product in a colour different to the one on the walls covered in acrylic paint.

CLEANING OF EQUIPMENT

Immediately after use with white spirit.

AVAILABLE CAN SIZES

0.5 l - 1 l - 2.5 l

CHEMICAL PROPERTIES

Binding agents:	altered alkyd resins.
Pigments:	titanium dioxide and mineral fillers.
Solvents:	aliphatic hydrocarbons.

PHYSICAL PROPERTIES

Density: around 1.42

Dry extract:

% in weight:	78 to 80
% in volume:	63.5 to 65.5

Drying time at +23 °C and 60% RH[5]:

Touch dry:	6 hours
Recoatable:	18 hours
Hard:	2 to 3 days
Cured:	28 days

Dry film aspect: satin[6] (around 35 GU at 60°)

Heat resistance: up to 60 °C (max 80 °C at peak temperature)

Recommended thickness per coat:

Wet film:	67 µm - 83 µm
Dry film:	43 µm - 54 µm

1 With an appropriate primer or with a previous adhering lacquer (solvent-borne if outdoor application). See page ... "Tips & Tricks" No ... and No ... to check if the old lacquer is adhering and solvent-borne.
2 See from page 3 for the preparation of the substrates.
3 Our LAK ALKYD SATIN contains an alkyd resin and cannot be applied on bare substrates made of zinc (galvanised steel and copper contain zinc). Make sure that the primer or previous coat of paint/lacquer is applied over the whole surface of the substrate to stop the fatty acids in the resin from reacting with these bare materials. This would result in zinc soaps which will unstick the lacquer over time.
4 To check if your substrate is absorbent, soak a sponge with water and rub it on the substrate. Do you notice a change in shade? If not, it is not absorbent. If, however, your substrate becomes darker, it is considered absorbent. Make sure to check the porosity of your substrate in different places!
5 The drying time is longer in cold and/or humid weather. (RH = relative humidity).
6 Please be aware that the satin aspect will only show once the lacquer has dried through (after 28 days). During this period of complete drying, the lacquer's film will appear shinier.

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RECOMMENDED MATERIAL

Anza-paint rollers: Super Felt.

Anza-paint brushes: Super Traditional, Super Tough or Super Effective SG.

HVLP (air spraying)[7]: needle: 1.5 mm; dilution: 5%; maximum thickness of the wet film per coat: 100 µm.

PRESERVATION AND STORAGE

Minimum a year in the original packaging, unopened[8] and stored in a cool and dry place protected from frost and direct sunlight.

PRECAUTION OF USE

Our LAK ALKYD SATIN contains an alkyd resin that inside, in white or in light tones will eventually turn yellow when exposed to too little direct sunlight or to heat (radiators, heating hose, ...).

WASTE TREATMENT

This product, including its contents and residues, cannot be disposed of in nature, down the drains (sink and toilets), or in household waste. Please drop off your empty can in a waste collection and treatment centre. To dispose of the product's remains, check with the relevant local and national authorities for more information about the applicable legislation.

SAFETY

Please refer to the safety datasheet of this product on our website: **www.peintagone.com**. Also available upon request by e-mail **info@peintagone.com** or by phone **+32 (0) 81 94 61 89**.

OPTIMAL CONDITIONS FOR APPLICATION	WOOD & DERIVATIVES	METALS & DERIVATIVES
AMBIENT TEMPERATURE	min. +10 °C, max. +25 °C	min. +10 °C, max. +25 °C
RELATIVE HUMIDITY	max. 80%	max. 80%
SUBSTRATE TEMPERATURE	min. +8 °C[9], max. +25 °C	min. +8 °C[9], max. +25 °C
SUBSTRATE HUMIDITY	max. 16%	/

- **Environmental conditions for external use: in dry weather and out of direct sunlight.**
- **For optimal application, see page ... "Tips & Tricks" No ....**

7 Tested with a non-dyed product at 23 °C (60% RH).
8 Warning! Once the can is open, bacteria can grow in the product (from adding dyes or using your paint utensils) and contaminate it in a few days, which would render it unusable.
9 For outdoor application, the substrate must be at least 3 °C above dew point.