

PROFI-SATIN



High solid alkyl resin based enamel, practical satin

USE

Synthetic satin enamel ideal for the treatment of all wood, metal and plastic substrates adequately prepared with a specific primer. Can be used indoors and outdoors.

PROPERTY'

- Practical and easy to apply by brush or roller.
- Free of aromatic solvents.
- Good hiding power.
- Good wear resistance.
- It maintains its degree of brilliance unaltered over time.

CHARACTERISTICS

Composition: based on high solid alkyd resins and finely ground pigments stable to light. **Density:** ca. 1.20 kg / l (variable according to color). **Brilliance:** satin.

EU limit value for VOC content: Cat. A / d: 300 g / l 2010. This product contains a maximum of 299 g / l of VOC.

Colors: white and colors available on a colorimetric machine.

Packaging: White: 0.75 and 2.5 l; Bases: 1 and 2.5 l

Storage: keep the product in its original packaging, tightly closed and in a dry, cool and frost-free environment.

IMPLEMENTATION

Application: by brush, roller and spray (also airless: pressure: about 160 bar - nozzle: 0.011 inch - angle: 60 °).

Dilution: ready to use.

Conditions of application: application and drying must take place in temperature conditions between + 5 ° C and + 30 ° C and with relative humidity below 85%

Theoretical consumption: about 80 ml / m² by hand.

Practical yield: brush and roller: about 10 - 12 m² / l per hand. Spray: about 8 m² / l per hand. The yield may vary according to the roughness, porosity and absorption characteristics of the substrates and the application system adopted.

Maximum applicable thicknesses: Wet 70 microns per coat equal to 40 - 45 dry microns. **Cleaning of tools:** Verdünnung AF 70 thinner or white spirit. **Drying (at 23 ° C and 50% RH):**

- Dust dry: after about 4 hours.
- To the touch: after about 6 hours.
- Overpaintable: after about 18 hours.
- Completely dried: after about 1 or 2 days.

APPLICATION SYSTEMS

The application system and the preparation of the supports must be evaluated and chosen according to the current state and the conditions to which the support itself will be exposed.

Supports: substrates must be sound, clean and dry. Degrease the surfaces with suitable diluents or detergents to remove any traces of grease, wax or dirt. Completely eliminate any flaking parts such as calamine, lamination slag, old enamel coats, ...

On all surfaces, lightly sand to promote optimal adhesion of the product. **New iron supports:**

- Mechanically remove any traces of rust and pre-treat with at least two coats of Allgrund.
- Finally, apply two coats of Profi-Satin.

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Already painted iron supports:sanding vigorously to completely eliminate any flaking parts of enamel and any rust that emerges. If necessary, remove paint.

- Touch up the rusty parts with Allgrund and let it dry, then apply a coat of Allgrund over the entire surface to be treated.
- Finally, apply two coats of Profi-Satin.

New wooden supports:carefully sand the substrates to ensure optimal adhesion of the application cycle.

- Apply a coat of Venti 3Plus Gloss or Venti 3Plus Satin as a base coat.
- Allow to dry and lightly sand to remove the wood hair.
- Finally, apply two coats of Profi-Satin.

Already painted wooden supports:

Perform a vigorous sanding to completely eliminate any parts of the enamel that are flaking off. If necessary, remove paint.

- Touch up the exposed wood portions with a coat of Venti 3Plus Gloss or Venti 3Plus Satin as a base coat.
- Allow to dry and sand.
- Apply a coat of Venti 3Plus Gloss or Venti 3Plus Satin over the entire surface as an intermediate coat.
- Finally, apply two coats of Profi-Satin.

Non-ferrous supports:

- Mechanically remove any traces of oxidation, clean thoroughly, lightly sand and pre-treat with Allgrund.
- Finally, apply two coats of Profi-Satin.

Recommendations:

- The achievement of the complete resistance characteristics of the film is obtained only after about a week.
- The exact degree of satin finish is reached after 7 - 10 days of drying.
- With Profi-Satin enamel, as with all products formulated with high solid alkyd resins and unlike traditional enamels, greater thicknesses can be achieved. The enamel is then applied taking care to spread it out and distribute it in such a way as to respect the indicated thicknesses, avoiding accumulations and excesses. The application of excessive thicknesses of the product influences and considerably lengthens the drying times, also giving rise to possible wrinkling.

SAFETY INFORMATION

For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

All the technical indications contained herein are indicative. For further information, consult our Technical Assistance service.

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NOBEL COATINGS SpA

COMMERCIAL OFFICE e

ADMINISTRATIVE HEADQUARTERS:

Via Pietro Nenni, 14

28053 Castelletto Sopra Ticino (NO)

Tel. 0331 916611



www.herbol.it
service.clienti@akzonobel.com

The effectiveness of our products and systems is based on years of practical experience and research conducted in our laboratories. We guarantee that

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the quality of the work carried out with our products meets the suitability requirements set by Akzo Nobel Coatings SpA, provided that all the instructions given by us are correctly followed and the work has been carried out according to skill and professionalism. In the event that the final result has been negatively influenced by circumstances beyond our control, any and all liability is expressly excluded and declined. The buyer is obliged to check whether the delivered products are suitable for the intended use. We reserve the right to modify the content of this document without prior notice. As soon as a new version of this datasheet is available, it will no longer be valid.