

# TECHNICAL DATA SHEET

Date of issue: 26/02/2021

Last updating: n.



SIRO S.r.l.

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|                                 |                        |                      |                                                                |
|---------------------------------|------------------------|----------------------|----------------------------------------------------------------|
| Name:                           | VELVEX SEMIMATT        | Category:            | paints and penetrating sealers for wood for indoor/outdoor use |
| Definition:                     | Clear semimatt varnish | V.O.C. limit:        | 400 g/l                                                        |
| Code:                           | 37.3.00001             | V.O.C. ready to use: | < 400 g/l                                                      |
| Product according to 2004/42/CE |                        |                      |                                                                |

## NATURE OF THE PRODUCT

Semimatt clear varnish based on alkyd resins for the protection of wood, suitable for indoor and outdoor applications. It can be coloured with the SIROMIX tinting system.

## GENERAL USES

Specific product for the Do-It-Yourself Line, easy to apply. It is used in the protection of wooden items, preserving them from degradation by atmospheric agents and preventing the absorption of water, even stagnant.

Particularly suitable for door and window frames, shutters, garden furniture. Suitable for outdoor applications, it ennobles the wood and creates a film resistant to environmental aggressions and washing.

## APPLICATION METHOD

### PREPARATION OF SURFACES

The cleaning of the support must be such as to guarantee the total absence of grease, oil or dirt; this represents a fundamental condition to obtain positive result of the painting cycle.

- New wooden surfaces: carefully sand the surface, remove dust and make sure the surface is dry. Apply two or more coats of **VELVEX FOR PROTECTION**. Then proceed with a light sanding with medium-grained abrasive paper, clean from dust and apply two or more coats of **VELVEX SEMIMATT**, waiting 24 hours or perfect drying from the first coat.
- Already painted wooden surfaces: eliminate the inconsistent old paint parts that are not attached to the surface and make the surface uniform by careful sanding. Remove dust and, if necessary, wash with detergents, rinse thoroughly and dry the surface perfectly. Apply **VELVEX FOR PROTECTION** where the old paint has been removed, then apply two or more coats of **VELVEX SEMIMATT**, waiting 24 hours or perfect drying from the first coat.

### PREPARATION OF THE PRODUCT

Carefully mix until an even colour and consistency are obtained. It is a ready-to-use product, to be applied with a brush or roller, following the grain of the wood.

## APPLICATION

Brush: No dilution requested

Roller: No dilution requested

## TECHNICAL DATA

PRODUCT TYPE: One pack product

APPEARANCE (ASTM D 523): Semimatt (about 35 gloss).

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| <b>Definition:</b>                     | <b>Clear semimatt varnish</b> | <b>V.O.C. limit:</b>        | <b>400 g/l</b>                                                        |
| <b>Code:</b>                           | <b>37.3.00001</b>             | <b>V.O.C. ready to use:</b> | <b>&lt; 400 g/l</b>                                                   |
| <b>Product according to 2004/42/CE</b> |                               |                             |                                                                       |

|                               |                                                                                                                                                |               |  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|
| COLOURS:                      | Colourless. It can be coloured with the SIROMIX tinting system.                                                                                |               |  |
| SPECIFIC WEIGHT (iso 2811):   | 0.95 ± 0.05 kg/l                                                                                                                               |               |  |
| SUPPLY VISCOSITY(DIN 53211) : | 32" ± 5" Ford 8                                                                                                                                |               |  |
| DRYING AT 20°C                | - Dust dry:                                                                                                                                    | 45-60 minutes |  |
|                               | - Touch dry:                                                                                                                                   | 2-4 hours     |  |
|                               | - Total hardening :                                                                                                                            | 48 hours      |  |
| RECOMMENDED COATS:            | Two or more coats                                                                                                                              |               |  |
| THEORETIC YIELD:              | 13-15 m²/L, for each layer.                                                                                                                    |               |  |
| REPAINTING:                   | Overcoat after 24 hours, sanding lightly with very fine-grained sandpaper between one coat and the next coat, following the grain of the wood. |               |  |
| WARNINGS FOR USE:             | Flammable product: observe the safety rules during storage and use. If used indoors, provide adequate ventilation of the room.                 |               |  |
| STORAGE STABILITY:            | Eighteen months, stored in closed packs, in a cool, dry place, away from any sources of heat.                                                  |               |  |