

SIRCA NATURAL

Coating systems for natural-effect on raw and pre-tinted wooden substrates

Pre-tinted veneer is a wooden sheet of variable thickness commonly used in furniture and furnishing accessories sectors.

For some years now, the **market trend** is orienting the furniture industry towards coating systems that minimize colour variations of natural or pre-tinted wood.

Sirca **R&D lab** has developed, in close collaboration with the company **Tabu**, a world market leader and benchmark for architects, designers and interior designers in the various market segments, a series of **natural-effect coating systems**, which allow to minimize colour and characteristics changing of the pre-tinted substrates over time, thus guaranteeing **effective** and **efficient protection** from solar radiation.

These coating systems have undergone **rigorous** and **stringent** characterisation tests in Tabu's R&D labs, which have **verified** four acrylic solvent-based and water-based technical solutions, including **top-quality** and **high-performances** products. This test included Q-Sun test exposure (a Xenon lamp), in compliance with **EN 15187:2006**.



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Hereby are the systems suggested by Tabu S.p.A.:

No.1 "SA" – Solvent-based system

- FPU32HQ/CTN52/DPU809-100/20/40
Clear acrylic sealer – 130 g/sqm
- Drying time: 12 hours
- Sanding
- OPU79G10HQ/CTN52/DPU809-100/20/40
Clear matt acrylic topcoat – 130 g/sqm

No.2 "SB" – Solvent-based system

- FPU32HQ/CTN52/DPU809-100/20/40
Clear acrylic sealer – 100 g/sqm
- Drying time: 2 hours
- FPU32HQ/CTN52/DPU809-100/20/40
Clear acrylic sealer – 100 g/sqm
- Drying time: 12 hours
- Sanding
- OPU79G10HQ/CTN52/DPU809-100/20/40
Clear matt acrylic topcoat – 130 g/sqm

No.3 – Water-borne system

- FW012HQ/Water-100/5
Clear water-based sealer – 150 g/sqm
- Drying time: 12 hours
- Sanding
- OWB300HQ/CW1S02/Water -100/10/5
Clear matt water-based bi-component topcoat
150 g/sqm

No.4 "A" – Water-borne system

- FW050/CW1S02/Water-100/10/5
Clear water-based sealer – 150 g/sqm
- Drying time: 12 hours
- Sanding
- OWB300HQ/CW1S02/Water -100/10/5
Clear matt water-based bi-component topcoat
150 g/sqm



For further information about materials and coating systems used, please contact Sirca Technical Service.