WATER-BASED AND SOLVENT-BASED COATINGS SYSTEMS LIGHT FAST EFFECT

UV ABSORBERS

- GREATER STABILITY TO LIGHT ON RECONSTITUTED VENEER
- EXCELLENT PERFORMANCE ON VENEERS
- EXCELLENT PORE DESIGN ON NATURAL EFFECT FINISHES
- REDUCED QUANTITY OF ADDITIVES USED

OECE

SECTOR OF USE: FIELD OF USE: NAUTICAL FURNITURE AND FURNISHINGS

In order to satisfy the growing demand from architects and designers for products capable of ensuring the light consolidation of nautical furniture and furnishings, OECE offers innovative and high-performance water-based and solvent-based solutions, thanks to the use of new topcoats and additives. These new high-performance OECE systems achieve superior results in terms of light stability on numerous types of wood, ensuring excellent levels of protection and stability on multi-laminars, reconstituted Veneer and veneers.

WATER-BASED COATING SYSTEM FOR PROTECTION FROM LIGHT

The innovation consists in inserting a consolidant within a high-performance standard system, to be applied directly on the chosen substrate as if it were a tint, first coat. The other key element is a specific UV barrier additive which must be added to the product chosen for the finish, this preferably two-component to optimize the consolidation of the barrier in the paint film, to complete its system. This solution ensures greater stability to light over time and the possibility of obtaining open-pore or natural-effect systems. Furthermore, the synergy between these new elements makes it possible to obtain the same performance even with the application of reduced thicknesses of the applied product.

WB cycle example

1) Consolidant (86V-24) 30-40 g of consolidant as if it were a dye, to be left to dry
2) Basecoat/Non-yellowing self-sealer Apply a non-yellowing two-pack with 3% UV barrier additive (86A-23) and sand.
3) Self-sealer / Non-yellowing topcoat Add 3% UV Barrier Additive (86A-23), apply and leave to dry for 12-16 hours

SOLVENT COATING SYSTEM FOR PROTECTION FROM LIGHT

OECE has developed a new clear acrylic-based self-sealer (5 and 10 gloss) which can be applied both with conventional manual or automatic spraying methods, and with a curtain coater, capable of allowing the achievement of significantly higher than average performance in terms of protection from light, and presenting excellent pore definition, slip and chemical-physical performance.
The excellent results of these systems in terms of light stability are ensured by the addition of a limited quantity (1%) of UV barrier additive in the basecoat and topcoat used.

SB system example

1) first coat of self-sealer (410-0091/XX) Add 1% of UV barrier additive (86A-18) to the product, catalyze and apply 100-120 g/m^2
2) Drying Leave to dry for at least 2 hours then sand with fine grain
3) Second coat of self-sealer (410-0091/XX) Add 1% of UV barrier additive (86A-18) to the product, catalyze and apply 120-130 g/m^2

07/2023
Z09A28UK

OECE

strong **beautiful** surfaces

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