



IRIDEA

INTERIOR COATINGS

S-MATT AOX SERIES _WATER-BASED BICOMPONENT COATINGS FOR HIGHLY RESISTANT, ULTRA-MATT SURFACES

S-MATT, the innovative range of coatings for interior furnishings designed to create **high performance ultra-matt surfaces** in terms of their chemical-physical structure has been enriched with new revolutionary products.

This range includes different types of products with different drying methods, from bicomponent water-based coatings to UV coatings, which offer a **soft touch effect, self-healing properties** and **very low levels of VOC emissions** during application. Besides, they are extremely safe to handle.

In particular, the bicomponent transparent water-based top coat **AOX1018** allows to achieve **anti-glare, anti-fingerprint** and **soft-touch surfaces** by using the **technology of bicomponent water-based products**, which is one of the most widespread hardening methods that doesn't require any particular equipment or machinery to be used.

The bicomponent white water-based top coat **AOX1020B** and the bicomponent black water-based top coat **AOX1018NS** are also available.

Spray application

FEATURES & BENEFITS

- Ultra-matt, 100% anti-glare surfaces. Very low opacity level (lower or equal to 5 gloss units).
- Extremely soft to the touch.
- It is possible to create a wide range of colors and matter effects with a soft touch.
- Spray application for both transparent and pigmented versions.
- Traditional drying method for bicomponent water-based products. No dedicated equipment required.
- Great chemical-physical resistance: high resistance to cold liquids and scratches, high mar-resistance, low yellowing.
- Self-healing properties: the particular composition of the polymers allows to eliminate light scratches by wiping the surface with a damp or wet cloth using hot water, restoring its original smoothness and solidity.
- Easy to clean and anti-fingerprint surfaces.
- Extremely low VOC (volatile organic compounds) and SVOC (semi-volatile organic compounds) emissions both during application and indoors (lower than traditional UV coatings).
- This range is rated A+ for indoor emissions according to the French regulation.
- SVHC free and CMR (category 1A-1B) free.
- Compliant to EN71, IOS-MAT-0066 ver. 11 (chemical substances), formaldehyde free.
- Compliant to Italian standard UNI 11216 on the performance requirements for coated vertical wood surfaces.



Appendix 1

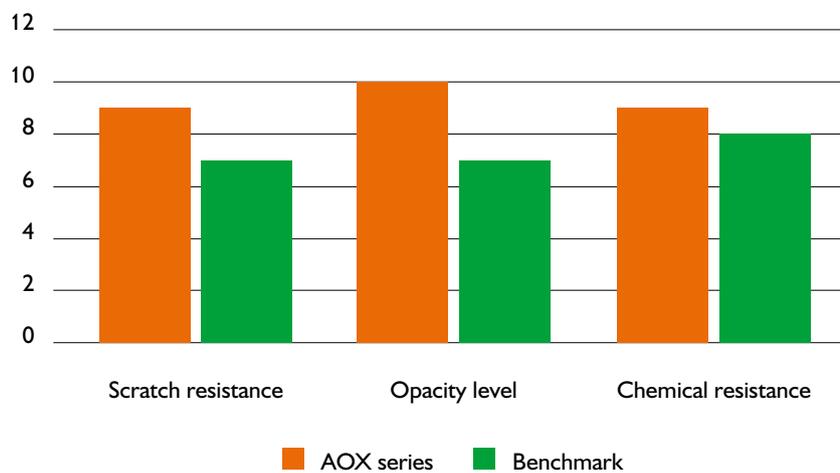
S-MATT AOX SERIES WATER-BASED BICOMPONENT COATINGS FOR HIGHLY RESISTANT, ULTRA-MATT SURFACES

TECHNICAL DATA

PRODUCT RANGE

- **AOX1018** S-MATT bicomponent transparent water-based top coat
- **AOX1018NS** S-MATT bicomponent black water-based top coat
- **AOX1020B** S-MATT bicomponent white water-based top coat

COMPARED SERIES



Rating: from 0 to 10. The average performance of bicomponent water-based products with comparable opacity was used as a benchmark. The data refer to the transparent and black versions.

COATING CYCLE

- Backing material: raw wood, polyester or melamine paper, duly sanded with 320-grit sand paper. In the case of melamine paper, it is essential to apply a first coat of water-based adhesive primer
- **PRA241**, which is always recommended to guarantee better adhesion.
- Apply **AOX** bicomponent transparent water-based top coat + 15% CA519 – 120-150 g/m² by spray.
- Stacking time: 24-48 hours.

For further details please consult the technical data sheets.

