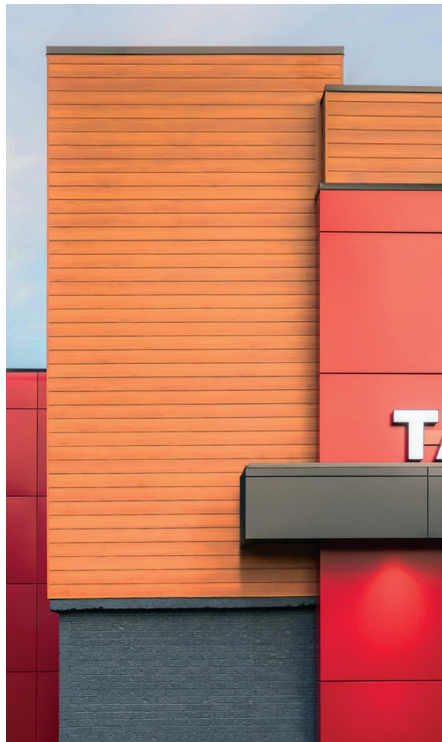
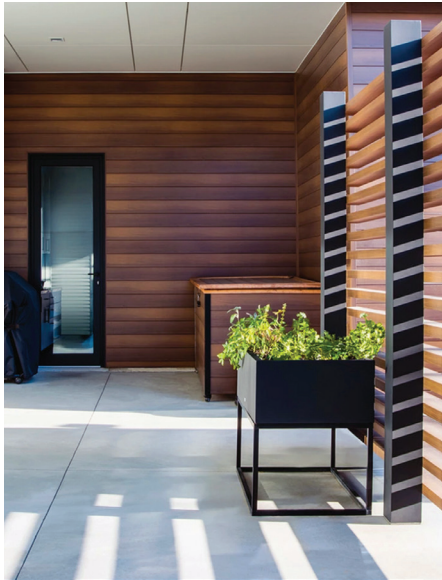




DATA SHEET: Ourborite | **LUX**Series (Wood Finishes)

Along with the creative and aesthetic advantages, quality sublimated aluminum products are designed with performance and longevity in mind and are subjected to rigorous testing.

- **UV Resistance** as tested by AAMA 2604 and AAMA 2605 high performance coatings standard
Noncombustible through surface burning characteristics testing by ASTM and CAN/ULC standards; material does not combust or produce toxic fumes even at extremely high temperatures
Corrosion Resistance as tested by 5,000 hours of salt spray testing following the DIN EN ISO 9227:1990 standard, resulting in no infiltration or blisters

Materials

Aluminum Sheet: 3003-H14 alloy or 5005-H34 alloy. Minimum thickness 20 Ga. (.032" / 0.8 mm)



The Ourborite **LUX Series** features elevated aesthetics and durability with our new revolutionary powder coating and sublimated finishes. This advanced manufacturing process begins with the application of a specially formulated powder coating, known for its superior adherence and resilience. This eco-friendly coating is electrostatically applied and then cured under high heat, creating a hard, protective layer that is significantly more resistant to scratches, chipping, and fading compared to traditional paints. The series then introduces a specialized sublimation technique, transferring high-quality wood designs onto powder-coated surfaces using intense heat and pressure. This process results in vivid, wood-like patterns that are seamlessly integrated into the coating, ensuring durability and colour vibrancy.

Product

Custom sizes available. Multiple Nuvo Ceiling Panel, Wall Panel, Linear Metal and Baffle products are available in sublimated finishes. Please speak with your Nelson Representative to review available options

Acoustics

Metal Ceilings are available both non-perforated (non-acoustic) and perforated (acoustic). Perforation patterns are limited only to the type of material and gauge. Perforation patterns ranging from diagonal, staggered to straight as well as round, square and oblong holes.

Our standard acoustical material consists of a Black or Off-White pre-laminated fleece (SoundTex®) typically bonded to the concealed face of the ceiling panel.

For more details and options contact your local Nelson Sales Representative.

Standard References

- ASTM E84 - Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.
- AAMA 605.2 - Specification for High Performance Finishes.
- AAMA 2604 and AAMA 2605 - High Performance Coatings Standards
- ASTM B 209/B 209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2004.