



Ultraleather® | Volar Bio



A hybrid by design, the **Ultraleather® | Volar Bio** collection is the first of its kind and incorporates renewable, biobased materials. At the forefront of the marketplace, this revolutionary Ultrafabric:

- Proudly touts a 29% BioPreferred Program Label
- Blends renewable plant-based and forestry materials into the multiple layers of our proprietary Takumi™ Technology
- Combines forward-thinking innovation with unrivaled performance
- Reduces dependence on fossil fuel resources
- Designed to support eco-friendly specifications
- Features a well-curated offering of 9 natural, mineral-inspired colors

Designed to support eco-friendly specifications, Volar Bio combines subtle organic texturing with a semi-lustrous base. The unique matte surface will add a touch of understated elegance to any setting, without compromising the unrivaled performance of Ultrafabrics.

Certificates and Standards

- BioPreferred Program Certified, U.S. Department of Agriculture
- SCS Indoor Advantage Gold Certified
- Compliant with Healthier Hospitals Initiative, Version 2.0

Ultraleather® | Volar Bio

General Specifications

Composition:

Proprietary Polycarbonate + Biobased Surface
65% Polyester, 35% Rayon Backing

Weight:

Approx. 12.1 oz. Per Square Yard
Approx. 410 Grams Per Square Metre

Thickness:

Approx. 1.15 Millimetres

Width:

54 Inches / 137 Centimetres

Performance

Abrasion:

ASTM D4157 / 300,000 Double Rubs (Wyzenbeek)*
BS EN ISO 12947-2 / 200,000 Rubs (Martindale)*
*meets or exceeds

Hydrolysis:

14+ Weeks
ASTM D3690-02 Sect. 6.11 (Hydrolytic Stability)
ISO 1419 Method C (Accelerated Ageing)

Biobased Carbon Content:

29%
ASTM D6866-18 (Method B)
ISO 16620-2; 2015

Adhesion of Coating: ASTM D751

Tear Strength: ASTM D2261

Breaking Strength: ASTM D5034

Colorfastness

Light Fastness:

AATCC 16.3, 200 Hours, Grade 4-5

Crocking:

AATCC 8, Grade 4-5 Wet & Dry

Flammability Requirements

- ASTM E84 (Adhered) - Class A
- CA TB 117 - Pass
- FMVSS 302 & 95/28 Annex IV - Pass
- NFPA 260 - Class 1
- UFAC - Class 1

These fabrics, when treated and/or used with other compatible furniture components, have been shown to perform under the fire test conditions of:

- ASTM E84 (Unadhered)
- BS 5852 Source 0, 1 & 5
- BS 5867 Part 2 Type B
- BS 7175
- FAR Specifications
- IMO A.652 (16)
- NFPA 701

For more information on certifications and standards, sustainability, as well as cleaning and care instructions, please visit our website.

