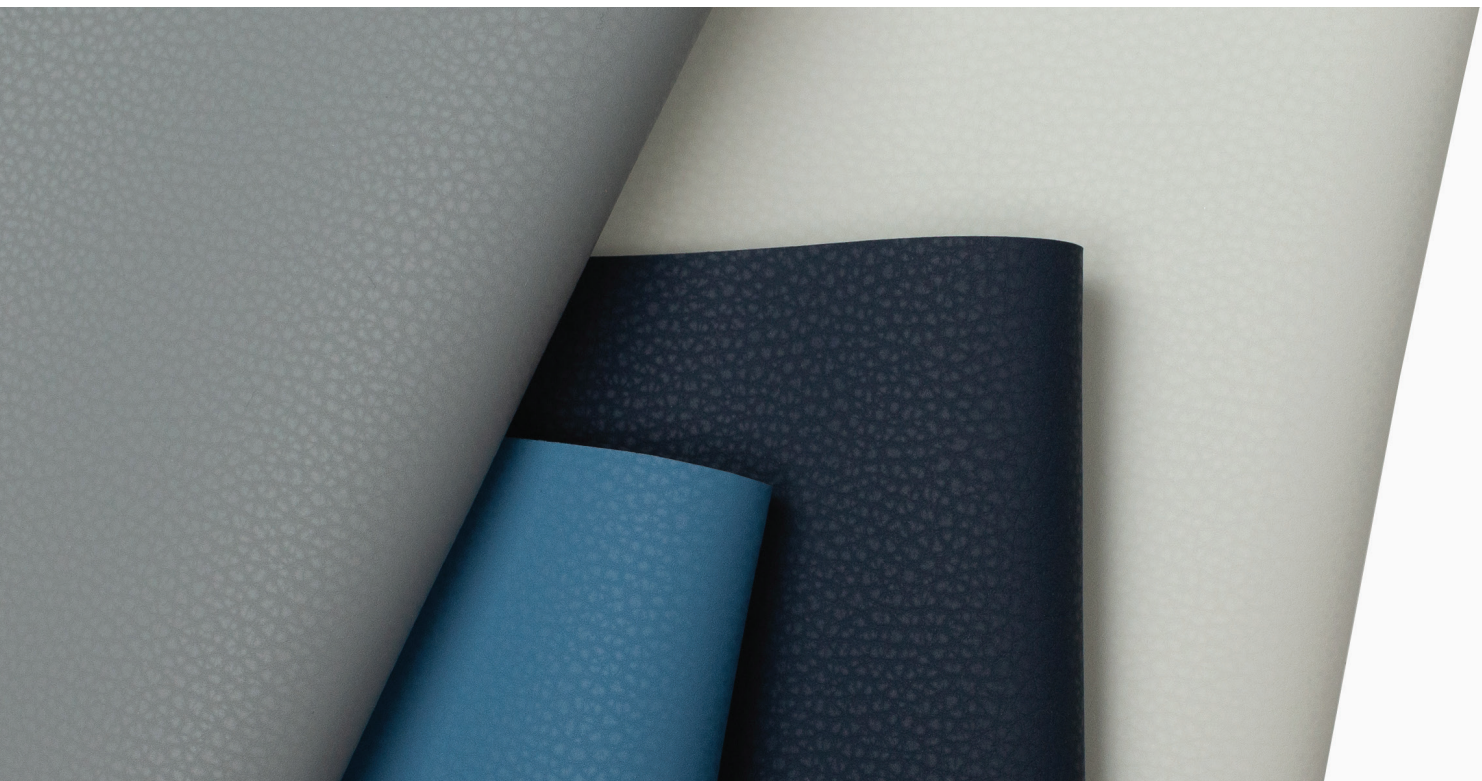


Volar Bio — Ultrafabrics



Proprietary Polycarbonate Biobased Blended Construction

Functionality and Sustainability Combined

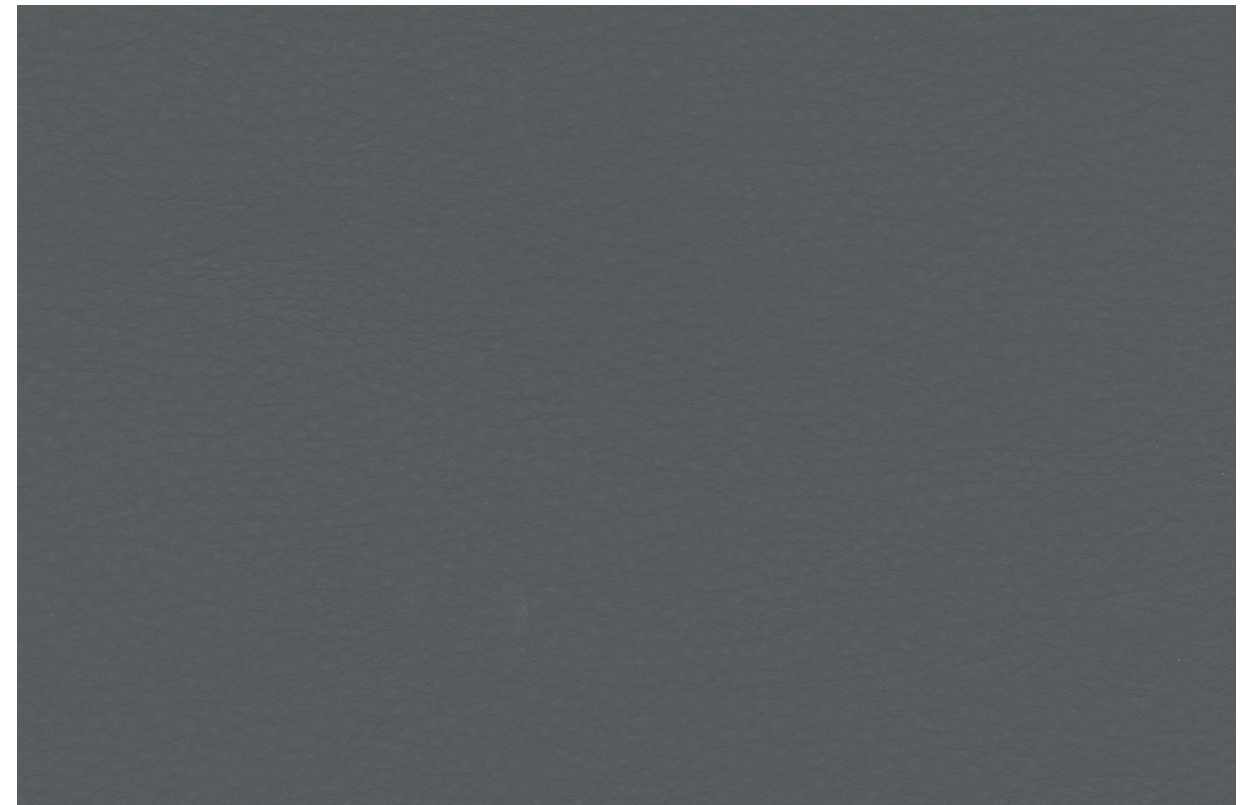
Designed to support eco-friendly specifications, Volar Bio is **first of its kind**. Building on our decades of innovative engineering, the collection combines corn byproduct with unique polyurethane resins and blends wood pulp materials in the backcloth.

The combination of these two renewable and plant-based materials reduces dependency on finite resources and delivers a **29% biobased construction** that is certified by the BioPreferred Program. Managed by the USDA, this program requires minimum content levels and verifies the use of renewable agricultural resources.

Certificates and Standards

- BioPreferred Program Certified, U.S. Department of Agriculture
- SCS Indoor Advantage Gold certified and REACH compliant
- Tested to the ISO Standard

Launched in 2019, the collection received PETA's Homeware Innovation Award and is an Interior Design Best of Year honoree.



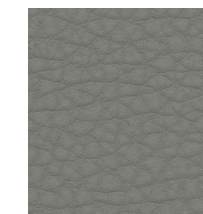
630-5004 Fortress



630-6549 Silverstone



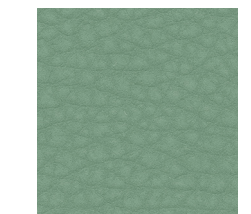
630-3842 Burlap



630-5877 Porcini



630-6018 Gravity



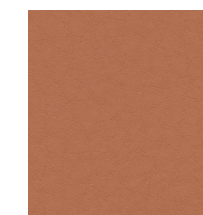
630-4329 Matcha



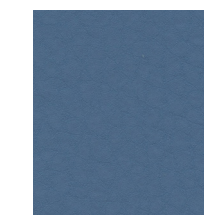
630-5004 Fortress



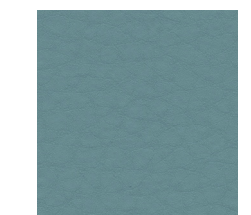
630-3893 Bramble



630-8252 Monarch



630-2725 Macaw



630-7290 Mint



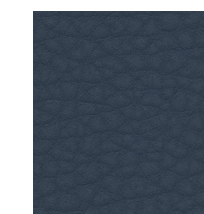
630-6073 Pitch Black



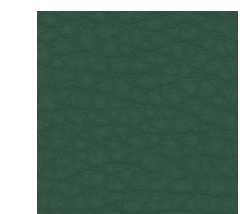
630-8258 Café Noir



630-1407 Scarlet



630-2749 Indigotin



630-4335 Spinach



Volar Bio from Ultrafabrics

Application

Interior Upholstery

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

Repeat:

None

Performance

Abrasion:

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

Hydrolysis:

16 Weeks
ASTM D3690 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 D751

Tensile Strength: BS EN ISO 1421

Colorfastness

Light: AATCC 16.3, 200 Hours, Grade 4
ISO 105 B02, Grade 6
Crocking: AATCC 8, Grade 4-5 Wet & Dry

Flammability Requirements

- ASTM E84 (Adhered) - Class A
- CA TB 117-2013 - Pass
- FMVSS 302 - 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)
- IMO FTPC Part 8
- BS EN 1021 Parts 1 & 2
- BS 5852 Source 0, 1 & 5 (Cig, Match & Crib 5)

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



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