Brisa® | Promessa®
Reef Pro | Ultraleather® Pro | Ultraleather®
About Ultrafabrics —
Based in state-of-the-art engineering, we design intelligent, next-generation materials that combine high-performing functionality and comfort in an array of design styles that speak to the senses. Focused on unlimited creativity, lasting durability and greener solutions, Ultrafabrics is always innovating and evolving — with people and planet in mind.

Benefits of Ultrafabrics —
• 100% polycarbonate construction
• Superior durability – industry-leading 14+ weeks hydrolysis results
• Climate control technology resists temperature changes for seating comfort
• Skin friendly and allergen free
• Withstands commonly used cleaners, disinfectants, and 1:5 bleach/water solution
• SCS Indoor Advantage Gold Certified and REACH compliant

Benefits of Brisa —
• Microscopic pores allow air to circulate
• Softly textured aesthetic
• 300,000 double rubs (Wyzenbeek)

Benefits of Promessa —
• EPA-registered antimicrobial protection does not contain triclosan and triclocarban
• Pebbled texture with subtle sheen
• 400,000 double rubs (Wyzenbeek)
Benefits of Reef Pro & Ultraleather Pro —

- Enhanced resistance to tough stains including ballpoint pen, betadine, blood, denim dye, mustard & ketchup, and red wine
- Ultraleather Pro includes antimicrobial protection
- 500,000 double rubs (Wyzenbeek) for Ultraleather Pro
- 400,000 double rubs (Wyzenbeek) for Reef Pro

Benefits of Ultraleather —

- Reinforced rayon backing containing TENCEL™ Modal fibers
- Natural grain appearance
- 400,000 double rubs (Wyzenbeek)
For more information on certifications and standards, sustainability, as well as cleaning and care instructions, click here to visit our website.

†Removal of most denim dye may vary depending on the quality of dye and the period of time the stain sets in. Dye transfer is difficult to control, not always preventable, and may be irreversible.

<table>
<thead>
<tr>
<th>Collection</th>
<th>Composition</th>
<th>Weight / Thickness</th>
<th>Repeat</th>
<th>Abrasion</th>
<th>Air Permeability / Sound Absorption</th>
<th>Antimicrobial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brisa</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td>8.9 oz. per sq. yard 300 grams per sq. metre / Approx. 0.95 mm</td>
<td>N/A</td>
<td>ASTM D4157 300,000 DR Wyzenbeek</td>
<td>ASTM D737 / ASTM C423</td>
<td>N/A</td>
</tr>
<tr>
<td>Acoustics</td>
<td>65% Polyester, 35% Rayon Backing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breathable Comfort</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Promessa</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td>11.5 oz. per sq. yard 390 grams per sq. metre / Approx. 1.1 mm</td>
<td>N/A</td>
<td>ASTM D4157 400,000 DR Wyzenbeek</td>
<td>N/A</td>
<td>ASTM E2180</td>
</tr>
<tr>
<td>Antimicrobial</td>
<td>65% Polyester, 35% Rayon Backing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reef Pro</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td>12.1 oz. per sq. yard 410 grams per sq. metre / Approx. 1.15 mm</td>
<td>N/A</td>
<td>ASTM D4157 400,000 DR Wyzenbeek</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Ink &amp; Stain Resistant</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultradeather Pro</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td>9.7 oz. per sq. yard 330 grams per sq. metre / Approx. 0.95 mm</td>
<td>N/A</td>
<td>ASTM D4157 500,000 DR Wyzenbeek</td>
<td>N/A</td>
<td>ASTM E2180</td>
</tr>
<tr>
<td>Antimicrobial</td>
<td>100% Rayon Backing containing TENCEL™ Modal fibers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Promessa</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Innovation</td>
<td>100% Rayon Backing containing TENCEL™ Modal fibers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reef Pro</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultradeather Pro</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultradeather</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Promessa</td>
<td>100% Polycarbonate Polyurethane Surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Width: 54”

Hydrolysis: 14+ Weeks
ASTM D3690 SECT. 6.11 (Hydrolytic Stability) / ISO 1419 Method C (Accelerated Ageing)

F/R Rating:
ASTM E84 (adhered) - Class A
CA TB 117 - Pass
FMVSS 302 & 95/28 ANNEX IV - Pass
NFPA 260 - Class 1
UFAC - Class 1

Can be treated to meet FAR specifications. 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 (Cig, Match and Crib 5), IMO FTPC Part B, and BS EN 1021 Parts 1 & 2.

Adhesion of Coating:
ASTM D751

Tear Strength:
ASTM D2261

Breaking Strength:
ASTM D751

Tensile Strength:
BS EN ISO 1421

Colorfastness to Crocking:
AATCC 8, Grade 4-5 Wet & Dry

Colorfastness to Light:
AATCC 16.3, 200 Hours, Grade 4
ISO 105 B02, Grade 6

Removal of most denim dye may vary depending on the quality of dye and the period of time the stain sets in. Dye transfer is difficult to control, not always preventable, and may be irreversible.

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