Three-dimensional Tensile Facade

aero A
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Aero A profile is the perfect fit for three-dimensional textile facades. It is the product behind the iconic Airbus Campus facades in Toulouse.

Its innovative design was driven by the requirements of the aforementioned project, resulting in a highly aerodynamic shape, and a self-cleaning dirt-proof section. Aero A design was inspired by the lines of the mythic A380, giving it an eye-pleasing, smooth flatless design.

AN EFFICIENT, FLEXIBLE AND VENTILATED TEXTILE FACADE

• Thermals:
  Associated with Serge Ferrari’s Frontside View 381 membrane, the textile facade blocks up to 78% of solar heat.

• Resistance:
  Laboratory test results show a breakout resistance at up to 4.2 T.ml. Hence, the Aero A solution becomes one of the most resistant systems on the market.

  Its effectiveness has already been proven by resisting to Hurricane Irma in 2017, as our Miami installations emerged unscathed.

• Inertia:
  Its design enables up to 2m long tensioned frames without reinforcements.

AN AESTHETIC TEXTILE FACADE FROM THE INSIDE AS WELL AS FROM THE OUTSIDE

• Lightness of lines:
  With a membrane that completely wraps the Aero A profile, the frame disappears totally from the external visual field.

  Its flatless design allows for no stagnation of plant particles, resulting in no frame stains on the membrane.

  Aero A design also enables identical gap and spacing between frames, in three-dimensional dispositions, with a ±40 degrees aperture.

A SIMPLE CONSTRUCTIVE SYSTEM

• Technique:
  With only 8 involved elements, including the membrane, you can give birth to all the designs that you have in mind.

  FTI’s tensioning system does not require any membrane sewing or welding.
  From the membrane to the frame, there’s only one step!

  Aero A profile is equipped with a technical channel that accommodates M12 square nuts, which are used as sliding attachment point, allowing different fixation possibilities.

• Tooling:
  Soft-impact Mallet + FTI tightening tool + Basic Tooling.

www.facade-textile.com
## TECH SPECS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>80 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>40 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.9 Kg/ml</td>
</tr>
<tr>
<td>Maximum Surface</td>
<td>4 m²</td>
</tr>
<tr>
<td>Inertia</td>
<td>Lxx = 91764.50 Lxy = 83315.61 Lxz = 0.00 Lyx = 83315.61 Lyy = 460610.82 Lyz = 0.00 Lzx = 0.00 Lzy = 0.00 Lzz = 552375.32</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Anodized 15u / Natural Alu / Powder Coating</td>
</tr>
<tr>
<td>Bars Length</td>
<td>2650 mm or 5300 mm</td>
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<tr>
<td>Sold with</td>
<td>Gripp PVC + Wedges kit + Key</td>
</tr>
</tbody>
</table>

- **Wind Resistance**: 250 Km/h
- **100% Recyclable**
- **Tearing**: 4,2T/lm
- **Surface**: 4 m²/frame
- **3D Shapes**
- **Patented System**