Whether new construction or a building retrofit Stamisol® Color and Stamisol® FT dramatically expand the capabilities for architects and designers.

- Warranted UV Resistance
- Dramatic Energy Savings
- Exceptionally stable
- Ability to project an image while maintaining a view
- Lightweight construction for long term effect
- Unmatched color range
Textile façade

**STAMISOL** Color  **STAMISOL** FT 381

**New construction, renovations and special structures**

**A truly lightweight building façade**

Ferrari® has revolutionized how architect view façades through the use of textiles in their projects. This type of finish allows architects to:

- utilize a collection of colors designed by architects and designers.
- create a multilayer effect by using Stamisol® Color as a breathable water proof membrane and overlay a mesh material (Stamisol® FT) to create an added dimension.
- allow those inside to maintain a great view while presenting a new face to existing or new construction.
- as an added benefit Stamisol® FT may be digitally printed providing those with the desire to do so any image they wish to conceive.

Thanks to its outstanding technical performance, architects and investors can – as is the case with Ferrari® – be certain of maximum reliability for their projects and experience high longevity through a 10 year guarantee. In addition, they will benefit from the excellent energy balance combined with ideal climate comfort, heat and sun protection and low maintenance costs.

**A truly complete system**

Thanks to the first fabric for façades in the world, Stamisol® FT, Ferrari® has not only created a new and fascinating façade material but also a complete, sophisticated system based on ventilation.

**Stamisol® FT 381**
The exterior façade textile allows excellent sight lines while offering 27 color options for clients. All the while being 100% recyclable.

**Stamisol® Color**
This high-quality membrane is adhered onto the whole substructure surface. This allows for exceptional imperviousness to both rain and wind; while breathing and offering long term UV resistance for the color chosen.

Stamisol® Color is an innovative membrane programme that has been designed for new architectural concepts and ideas. In essence, it can either be implemented alone or in combination with other conventional façade panels or the Stamisol® FT textile façade.

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Substructure

- **Form in function:** FACID offers patented system technology for the design of mounted rear-ventilated fabric façades and therefore ensures simple planning and series production.
- **Precise in form:** FACID offers exact alignment and balancing and guarantees tension. FACID, with screen dimension of up to 2.5 metres, can clad an area of almost any height or length required. This allows completely free configuration of the façade screen.
STAMISOL® FT 381

Experience maximum endurance with the Précontraint® Ferrari® process

Stamisol® FT has been created thanks to over 25 years of experience and expertise accumulated from a range of ambitious projects in the areas of textile architecture and premium sun protection with the Soltis® brand.

However, without the patented Précontraint® technology, this new façade material would not have been possible: It is made using a special production process, where the fabrics are maintained under tension throughout the whole manufacturing cycle.

This façade mesh offers considerable tear resistance, dimensional stability and robustness for a long-term durability. The textile keeps its shape, both during installation and when in use. Furthermore, special yarns with UV-protection provide longevity.

Delivering long-term durability with outstanding tear resistance

The best proof of this point comes via the laboratory analysis of a fabric which was installed at a multi-story garage in Avignon, France over 14 years ago.

The analysis demonstrated that even today the tear resistance of the warp thread was 90% of the original value and the resistance of the weft thread was 80% of the original value. In addition, the flame retardancy remained unchanged.

STAMISOL® Color

A façade membrane delivering climate protection

When using the Stamisol® Color façade membrane and an adequate well dimensioned insulation, an excellent additional climatic protection can be created. Furthermore, Stamisol® Color provides excellent protection against rain, humidity and wind, as well as increasing the lifetime and effectiveness of thermal insulation over long periods.

Due to its outstanding breathability, potential humidity within buildings can be driven out quickly, ensuring the buildings remain in good condition and also ensuring an excellent natural climatic comfort.

Polyester/glass fibre nonwoven
Polyester/glass fibre nonwoven increases structural strength.

Polyacrylate
Three layers of polyacrylic material offer UV resistance, durability and rain proofing.
The collection features 27 exceptional colors of Stamisol® FT and 12 colors of Stamisol® Color.

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<thead>
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Technical specifications

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<tr>
<th>Yarn</th>
<th>1100 Dtex PET HT</th>
<th>550 g/m² / 16.2 oz/sq.yd</th>
<th>1100 microns</th>
<th>267 cm / 105.1 in</th>
<th>741/741 lbs/2 in 330/330 daN/5 cm</th>
<th>67.4 lbs/2 in 300 N/5 cm</th>
<th>146/146 lbs/2 in / 65/65 DaN</th>
<th>13.5 lbs/2 in / 60 N</th>
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<tr>
<td>Weight</td>
<td>420 g/m² / 12.4 oz/sq.yd</td>
<td>820 g/m² / 23 oz/sq.yd</td>
<td>800 microns</td>
<td>250 cm / 98.4 in</td>
<td>67.4 lbs/2 in 300 N/5 cm</td>
<td>67.4 lbs/2 in 300 N/5 cm</td>
<td>13.5 lbs/2 in / 60 N</td>
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<tr>
<td>Thickness</td>
<td>750 microns</td>
<td>800 microns</td>
<td>(1 mm+/-1 mm)</td>
<td>250 cm / 98.4 in</td>
<td>67.4 lbs/2 in 300 N/5 cm</td>
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<td>Width</td>
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<td>10 lbs/2 in / 45 N</td>
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<td>Flame retardancy</td>
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<td>ASTM E84 • M2/NFP 92-507 • B2/DIN 4102-1 • VKF 5.3</td>
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<td>Euroclass</td>
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<td>E</td>
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<td>B-s2,d0</td>
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The technical data shown are average values, given for information only, and may be modified.

* Also available as Stamisol Color Hi-FR with additional flame retardance Euroclass B-s2,d0

www.stamisol.com

Downloads, technical data, references, photos, description of tenders, and much more. All in real-time.

Sustainable development

Ferrari® development is based on strict adherence to good safety and environmental practices, that include an understanding of Life Cycle Analysis (LCA), selection of the best materials, and eco-design. The Company obtained its first ISO 14001 certification in 2003.

100% recyclable

Ferrari® developed the Texyloop® technology specifically for the recycling of composite PVC membranes and textiles. Through the management of its end-of-life products Ferrari® is committed to sustainable development.

www.texyloop.com

Specification service

The Ferrari® specification service is available to inform you, advise you and suggest innovative solutions for your specific requirements.

For more information, please go to: www.stamisol.com

CSI Specifications available upon request at info@ferraritextiles.com


www.texyloop.com