



STAMISOL® FT 38I **STAMISOL**® Color

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

www.ferrari-architecture.com

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.



Façade detail: Stamisol® FT black and Stamisol® Color grey



Remarkable visibility to the outside: Office building Silver Spur - Los Angeles, USA

■ 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.

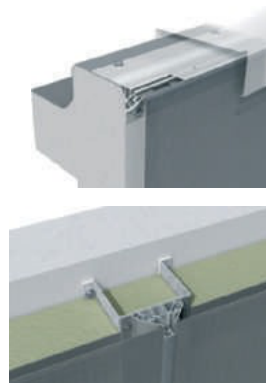
Stamisol® Color

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.

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.





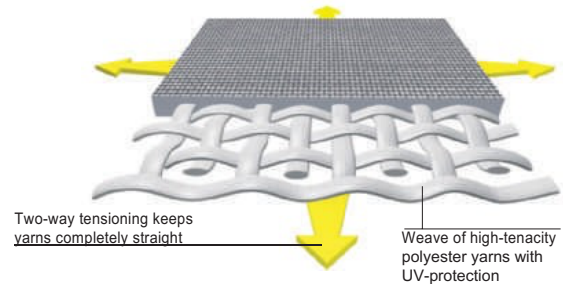
STAMISOL® FT 381

■ 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.

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.

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.



■ 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.



The first textile façade for a multi-story garage in Avignon, France (installed in 1994)

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.

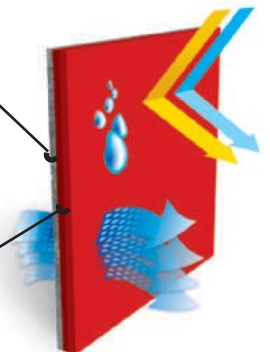
Due to its outstanding breathability, potential humidity within buildings can be driven out quickly, ensuring the buildings remain in good condition and also ensuring an excellent natural climatic comfort.

Polyester/glass fibre nonwoven

Polyester/glass fibre nonwoven increases structural strength.

Polyacrylate

Three layers of polyacrylate material offer UV resistance, durability and rain proofing.

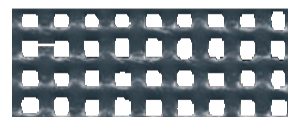


Textile façade

STAMISOL Color



STAMISOL FT 381



The collection features 27 exceptional colors of Stamisol® FT and 12 colors of Stamisol® Color.

Ref	Ref	Ref	Ref	Ref	Ref	Ref
50216	50220	381 3101	381 3108	381 3116	381 3122	381 3128
50227	50218*	381 3102	381 3109	381 3117	381 3123	381 3129
50219	50224*	381 3103	381 3110	381 3118	381 3124	381 3130
50225	50222*	381 3104	381 3111	381 3119	381 3125	
50215	50226	381 3105	381 3112	381 3120	381 3126	
50217	50133*	381 3107	381 3113	381 3121	381 3127	

Technical specifications	Stamisol® FT 381	Stamisol® Color	Stamisol® Color HI-FR*	Standards
Yarn	1100 Dtex PET HT	PET/Glass/PET	PET/Glass/PET	
Weight	550 g/m ² / 16.2 oz/sq.yd	420 g/m ² / 12.4 oz/sq.yd	780 g/m ² / 23 oz/sq.yd	EN ISO 12127
Thickness	1100 microns	750 microns	800 microns	EN ISO 5084
Width	267 cm / 105.1 in	250 cm / 98.4 in	250 cm / 98.4 in	(-1 mm/+1 mm)
Tensile strength (warp/weft)	741/741 lbs/2 in 330/330 daN/5 cm	67.4 lbs/2 in 300 N/5 cm	67.4 lbs/2 in 300 N/5 cm	EN ISO 1421
Tear strength (warp/weft)	146/146 lbs/2 in / 65/65 DaN	13.5 lbs/2 in / 60 N	10 lbs/2 in / 45 N	EN 1875-3/DIN 53356
Water penetration resistance	-	> 23 in	> 23 in	EN ISO 20811
Flame retardancy	ASTM E84 • NFPA 701 • M1/NFP 92-507 • B1/DIN • 4102-1 • BS 7837 • VKF 5.3	ASTM E84 • M2/NFP 92-507 • B2/DIN 4102-1 • VKF 5.3	VKF 5.3	
Euroclass	B-s2,d0	E	B-s2,d0	EN 13501-1

The technical data shown here 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 Taxyloop® 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.taxyloop.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



Licensed exclusively under European Patent No.0548691 and 1276091; Canadian Patent No.2,057569; US Patent No.5,225,459 and 5,467,546; Japanese Patent No.48711/2000 and as patented in 18 other industrialized countries worldwide.

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