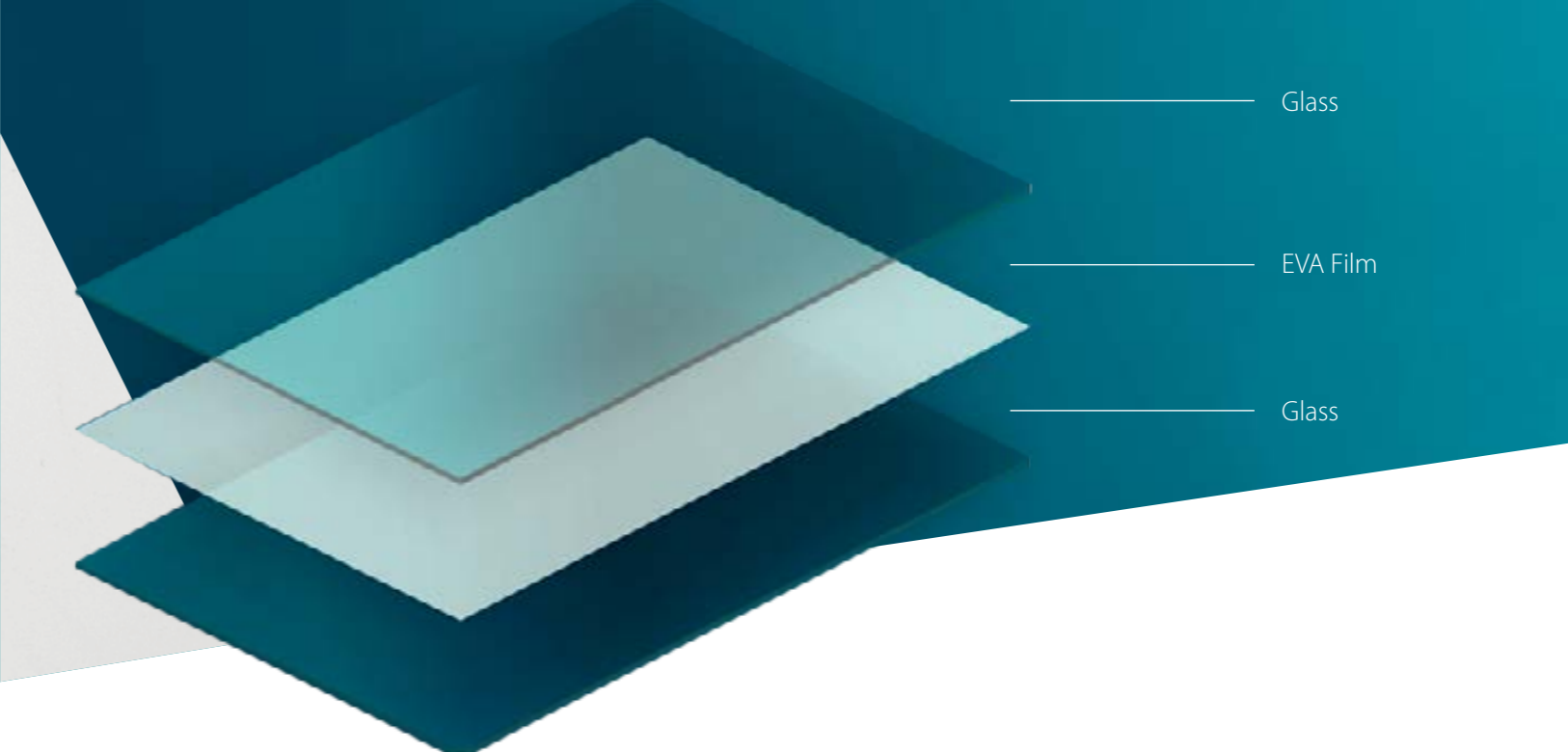




STRATO
glass interlayers

MADE IN ITALY



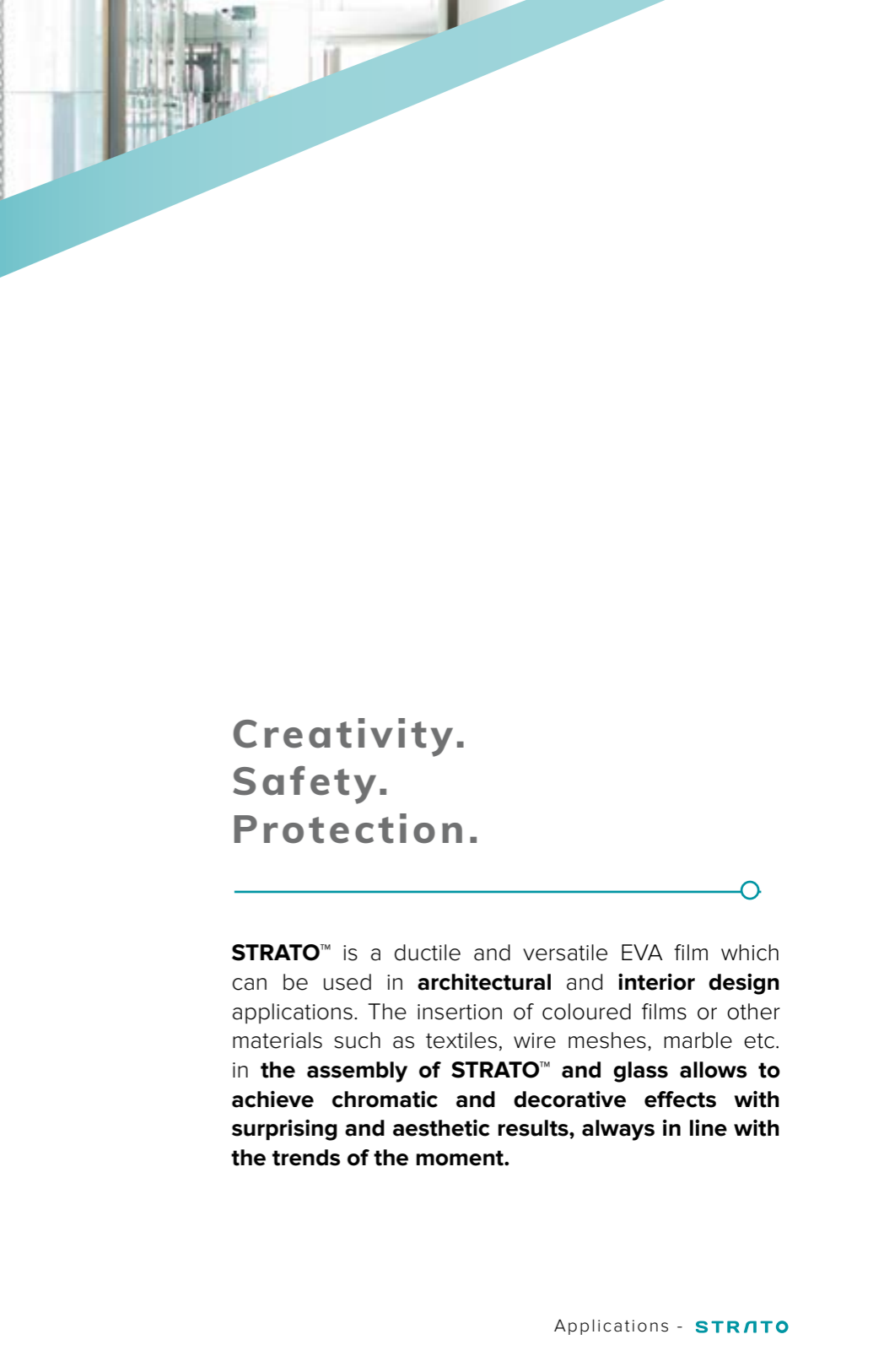


STRATO

Glass Interlayers


STRATO™ is a new **EVA** (Ethylene Vinyl Acetate)-based film, a polymer which is used for a broad range of applications in different industrial sectors. **It is produced in Italy by Satinal s.p.a., it guarantees excellent results and high quality glass lamination in order to satisfy the global market.**

The use of the film **STRATO™** is, indeed, a sensitive process that requires precise temperatures and cycle times: for this reason, the quality controls carried out in the company allow the material to reach a perfect adhesion with the glass surface. The knowledge of this **EVA-** based material represents its key factor to understand all its potential applications and advantages: being a cross-linking material, **STRATO™** can be used for laminating safety glass for both architectural and interior design applications without running the risk of de-lamination.



Creativity. Safety. Protection.

STRATO™ is a ductile and versatile EVA film which can be used in **architectural** and **interior design** applications. The insertion of coloured films or other materials such as textiles, wire meshes, marble etc. in **the assembly of STRATO™ and glass allows to achieve chromatic and decorative effects with surprising and aesthetic results, always in line with the trends of the moment.**



In the architectural industry, especially for the production of balustrades, stairs and shelters, the use of **STRATO™** is synonym of security.

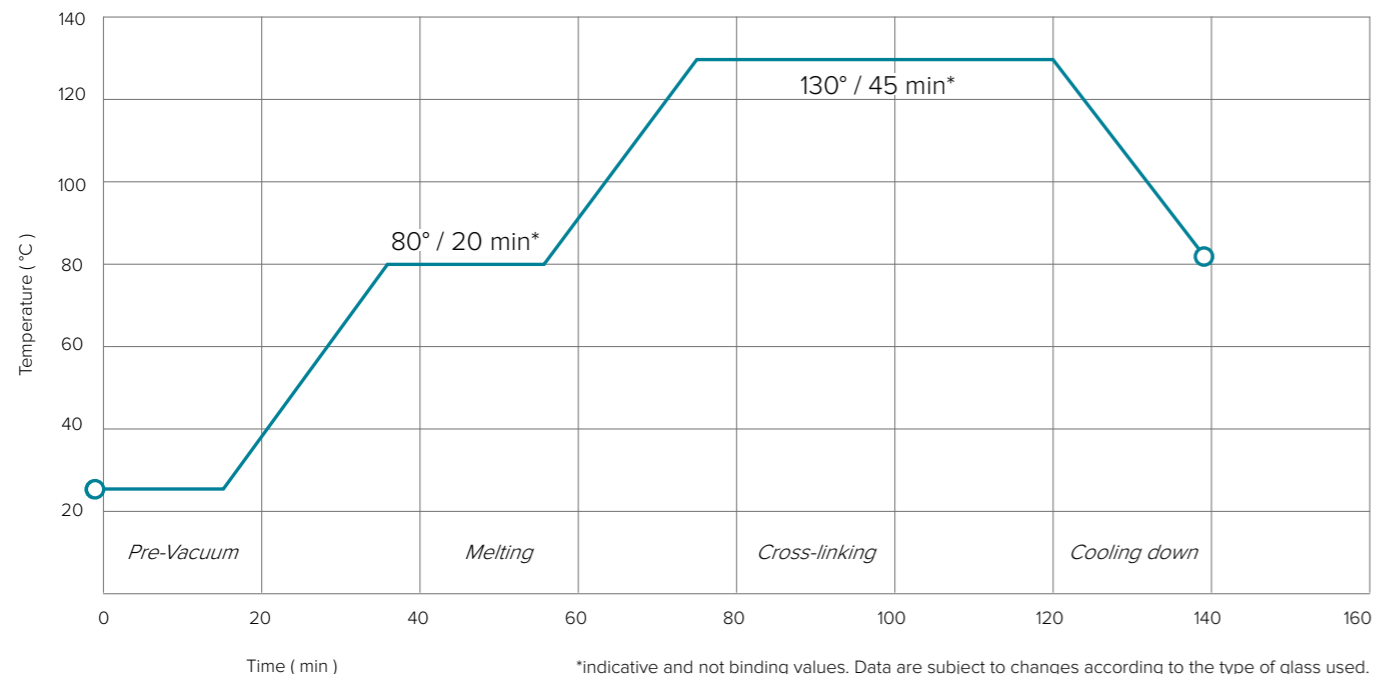
STRATO™ is a safe interlayer: in case of glass breakage, it **avoids to dangerous glass splinters to cause any damages to people.**

The cross-linking chemical composition of **STRATO™** allows the internal molecules to generate tri-dimensional links, thus guaranteeing an additional degree of protection for all architectural elements exposed to exceptional conditions, such as high temperatures, high humidity and weather extreme conditions.

STRATO™ applied between two sheets of glass also **offers a full protection against UV-Radiations** higher than 99% thus avoiding the fading of interior furnishings.

Technical data and Certifications

Indicative* laminating cycle with glass 3mm – STRATO™ – Glass 3mm



Finishing	Standard Dimension	
	Packaging	Roll
	Length	max 100 m
	Width	max 2600 mm
	Thickness	up to 1,52 mm *on request
Extra chiaro	Technical Properties	
	Adhesion with glass	> 150 N/cm
	Haze	< 0,5%
	Cross-linking rate	> 94%
	Light transmission	> 90%
	UV(A) Rays transmission	< 1%
	UV cut-off	380 nm

Finishing	Standard Dimension	
Leggero		
Satinato	Packaging	Roll
Latte	Length	max 50 m
Bianco	Width	max 2200 mm
Nero	Thickness	0,4 mm
Fresco		

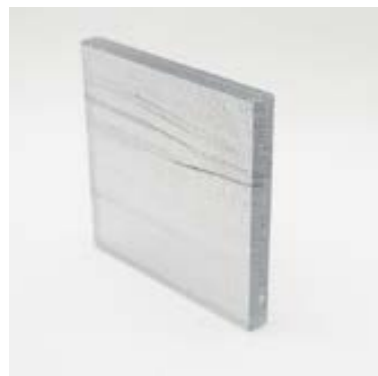
Certifications

STRATO™ is certified according to European (**UNI EN ISO**) and American (**SGGC – ANSI**) standards.

Test type	Result
High humidity High temperature UV radiation EN 12543	PASS
Pendulum test EN 12600	PASS
Ball drop test ANSI Z 97-1 CPSC 16 CFR 1201; CAN/CGSB 12.1-2017	PASS
Weathering test 3000 hours (interior-exterior use) ANSI Z97.1-2015 Section 5.4.3	PASS
Acoustical test ASTM E90-09	PASS


Moreover **STRATO™** has carried out the following tests in accordance with the **ASTM** standards:

- Xenon Arc Light Weathering Test 4500 hours | ASTM G155
- Tensile Properties of Plastics | ASTM D638
- Density of Smoke | ASTM E2843
- Rate and extent of burning | ASTM D635
- Self-ignition temperature of Plastics | ASTM D1929



*possible applications and customizations produced by the customer

Colors and finishings

-  Extra chiaro
-  Leggero
-  Satinato
-  Latte
-  Bianco
-  Nero
-  Fresco

S-Lab: Research and education

An high quality product is nothing without a service of the highest level.

Satinal is operating its own internal **Research & Development Lab**, which is dedicated to the control of the whole production chain of **STRATO™** and of its technical performances.

Engineers and technicians daily carry out different tests in order to manufacture a product which can be assembled with other inserts and materials and which can guarantee to architects and glass processors excellent results with their projects and installations.

And it is not only technical tests, but also **education**: in the **S-Lab** area, we organize courses and presentations for professionals of the industry and companies which wish to be up to date with the many applications of this constantly evolving product range and with the latest news of the industry.



3 in 1: Our group

The **Satinal Group** offers a wide range of products and services intended for professionals of the glass industry worldwide.

The manufacturing plant in Erba, Italy, gathers together the two companies **TK s.r.l** and **Satinal s.p.a.**

TK s.r.l. is specialized in the design and construction of ovens for the lamination, tempering, chemical tempering and heat soaking of glass, thus products allowing Satinal to make in-house tests of the **STRATO™** product range.

On the other hand **Satinal s.p.a.** is dedicated to the production of chemical products for the glass frosting

industry and even offers a frosting service for companies involved in the cosmetic, lighting, beverage and interior design business.

In the same plant **Satinal s.p.a.** produces **STRATO™**: the main solution for the glass lamination.

The competence and deep knowledge of the industry brought the **Satinal Group** to expand its activities both in North America (**Satinal USA Inc.**) and in South America (**Satinal do Brasil Ltda.**), confirming its presence with two local subsidiaries in US (Miami, Florida) and in Brazil (Sao Paulo).

Our brands



www.stratointerlayers.com



www.tkitaly.com



www.satinal.it



STRATO
glass interlayers

www.stratointerlayers.com

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SATINAL

Group



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