



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.

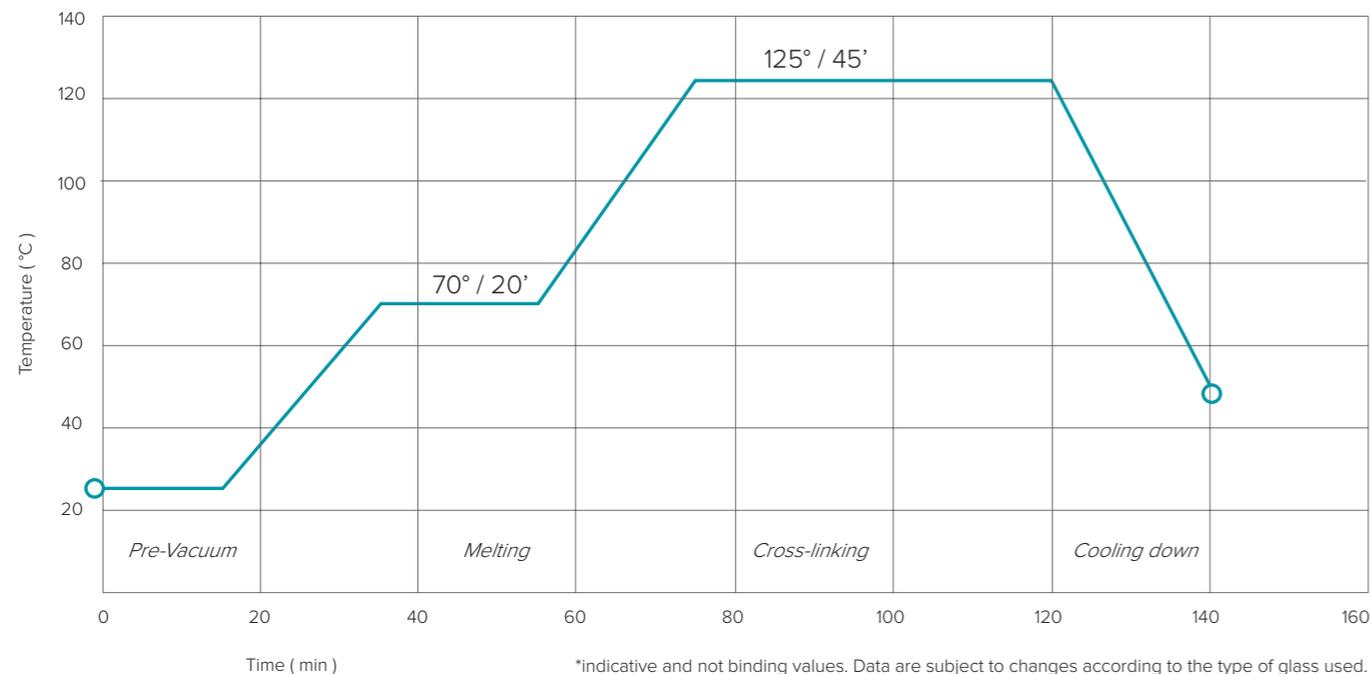
STRATO™ is a safe interlayer: in case of glass breakage, it **avoids to dangerous glass splinters to cause any damages to people.**

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.

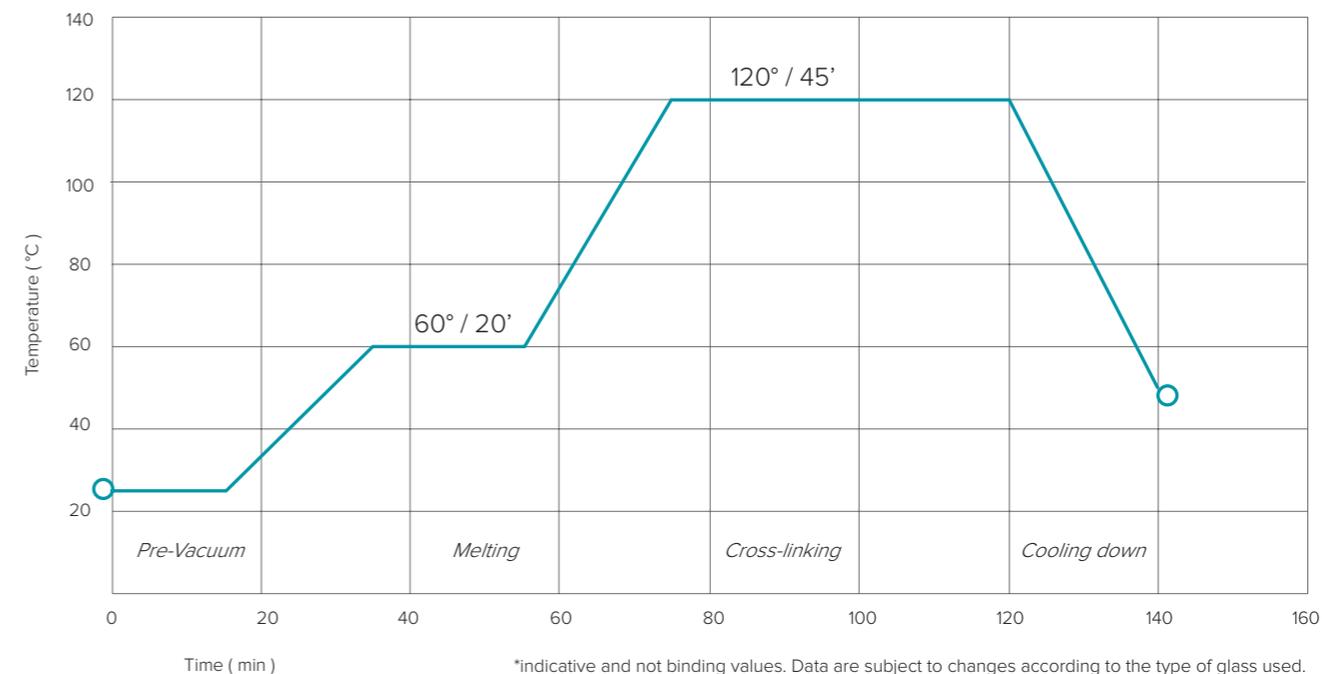
Technical data and Certifications

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



*indicative and not binding values. Data are subject to changes according to the type of glass used.

Indicative* laminating cycle with glass 3mm – STRATO™ WHITE/BLACK/TRANSLUCENT/FROSTED – Glass 3mm



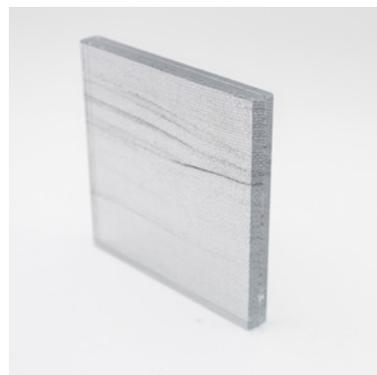
*indicative and not binding values. Data are subject to changes according to the type of glass used.

Finishing	Standard Dimension	
	Packaging	Roll
	Length	max 100 m
	Width	max 2500 mm
	Thickness	up to 1,52 mm
Extra Clear	Technical Properties	
	Adhesion with glass	> 100 N/cm
	Haze	< 0,5%
	Cross-linking rate	> 94%
	Light transmission	> 90%
	UV(A) Rays transmission	< 1%
	UV cut-off	390 nm

Finishing	Standard Dimension	
Frosted	Packaging	Roll
	Length	max 50 m
	Width	max 2200 mm
Translucent	Thickness	0,4 mm
White	Technical Properties	
Black	Adhesion with glass	> 90 N/cm
	Cross-linking rate	> 85%

Certifications

STRATO™ is certified according to **UNI EN ISO 12543-4:2011**, the norm that proves its passing of the high temperature, high humidity and solar radiation tests for application in the construction industry.



*possible applications and customizations produced by the customer

Color and finishings

- Extra clear
- Frosted
- Translucent
- White
- Black

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



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