

# Eco-friendly production of STRATO<sup>®</sup> takes carbon-free to another level

Recently introduced as the first ever sustainable EVA interlayer range to date, STRATO<sup>®</sup> is 100 percent Made in Italy. This new range of cutting-edge interlayers is manufactured through an entirely sustainable raw material supply chain.

Thanks to its highly innovative and sustainable new interlayer range, in 2022 STRATO<sup>®</sup> achieved its ISCC+ certification (International Sustainability & Carbon Certification) - proving the brand to be both highly innovative and ever-growing in its daily commitment to guaranteeing premium quality standards. The ambitious sustainability target of working with a low carbon footprint has been achieved through an uncompromising commitment to quality as well as continuous collaboration with high profile researchers. Here, for applications



that are always more specific, cooperation with customers has been improving both technical process parameters and product suitability.

## CARBON-FREE GOALS

According to recent studies, the chemical industry contributes 8 percent to global industrial greenhouse gas emissions. The challenge at STRATO® is to drive innovation in the industry whilst increasing both the sustainability and the circularity of its processes and products. Playing a role in the transition means finding the right balance between renewables and secondary raw materials. It's equally important to monitor and demonstrate product sustainability throughout the supply chain. Here's why, in order to ensure traceability and feedstock identity along the complex supply chains, Satinal has

opted for STRATO® ISCC PLUS Certification for its brand.

## ABOUT ISCC PLUS CERTIFICATION

The certification is a trusted standard that's designed for the Circular Economy. It's also a voluntary add-on for industries not addressed by specific regulations but nonetheless willing to certify their GHG Reduction efforts and results.

ISCC PLUS Certification meets both carbon-free goals:

- It verifies that companies meet environmental standards
  - It provides traceability along the supply chain
- Satinal obtained ISCC PLUS certification as an important step towards launching its certified sustainable range of products in the market while converting STRATO® EVA Interlayers range onto the carbon free pathway.



## APPLICATION OF STRATO® EVA CARBON FREE RANGE

STRATO® EVA Interlayers is an optimum partner for various purposes, as it responds to multiple needs - both for indoor and outdoor applications. The interlayers allow for the achievement of decorative effects as well as innovative and safety results in line with architectural needs.

- **STRATO® Clear** can be applied safely within buildings as well as in outdoor areas - even exposed to weather conditions. It increases the stability of laminated glass and gives a sense of lightness and transparency to commercial and residential architecture. Moreover, it provides a completely natural and neutral-looking glass thanks to its high degree of transparency and UV protection;
- **STRATO® Frost** allows daylight to cross naturally through the interiors of residential and commercial buildings while at the same time safeguarding privacy. It's practical and suitable for any type of indoor and external application;
- **STRATO® Solar Control** is a new generation of high-performance EVA film that uses nanopar-

## STRATO® EVA INTERLAYER FEATURES

- Excellent thermomechanical properties, durability and stability beyond any thermoplastic interlayer (e.g.PVB)
- Resistant to moisture for external or internal application
- Excellent adhesion to glass and inserts - no reduction of adhesion both glass and interlayer
- Premium acoustic insulation properties, improvement of sound reduction property of the laminated glass
- Resistance to high temperatures, high humidity and UV damaging rays
- Optical properties and a low light reflection effect
- Solar control properties for energy saving solutions



ticle technology. It has been formulated to give efficient solar control properties to laminated safety glass compared to clear monolithic glass and conventional clear EVA films. It is specifically formulated to provide exceptional durability when exposed to weather conditions. STRATO® Solar Control is suited for curved glass, shelters, curtain walls, storefronts, sloped/overhead glazing as well as residential and commercial façades;

● **STRATO® Bird Friendly.** A first for bird-friendly

EVA interlayer lines. It allows for a combination of the benefits of laminated safety glass with those of bird-friendly design. Different types of patterns can be achieved, including lines, dots and gradients which are customizable - depending upon the desired coverage level;

● **STRATO® Colour** is the right way to personalize buildings or design interiors with a touch of colour and without compromising the natural light of living rooms. It's great for creating interesting atmospheres without los-

ing visibility of either the outside or the inside.

Historically, Satinal SpA was the first EVA film production site in Italy - a reference point in Europe for the supply of 100 percent made in Italy STRATO® EVA interlayers. The application of STRATO® EVA film is a process that requires great precision in terms of applied temperatures and cycle times. Quality controls, which are carried out in Satinal's R&D Lab, aim to guarantee perfect adhesion of the material to the glass surface. The rich experience acquired by Satinal in the treatment of EVA-based

materials has proved essential to master the potential of the company's applications while fully exploiting their characteristics.

**Satinal SpA**  
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