

Media release, 7 August 2025
For free publication

Thanks to a change of ownership, Kromatix solar glass is once again fully available for the production of coloured solar modules.

Gwatt, 7 August 2025 - Following the takeover of Kromatix Glass Tech SA by g-neration.energy AG, the production of coloured solar glass has been resumed. The expertise and rights for the production of this top-quality product remain in Swiss hands. From September, the potent coloured solar glasses will once again be available to all solar module manufacturers in Switzerland and abroad.

With the takeover of Kromatix Glass Tech SA, g-neration.energy AG is acquiring the trademark rights, technology and patents for the production of high-performance coloured solar glass. Thanks to the Kromatix technology with its unique glass coating process, aesthetically outstanding solar modules can be produced that are significantly more energy-efficient than conventional coloured solar modules. With the acquisition of Kromatix Glass Tech SA, g-neration.energy AG is ensuring the unrestricted availability of an important technology developed at EPFL Lausanne, securing jobs in Switzerland and enabling high-quality building-integrated solar solutions with high benefits for customers and great potential for the industry.

g-neration.energy AG is a holding company of Swiss investors. It provides services in the field of renewable energy and manages intangible assets. It was founded in 2018 by Dr Patrick Hofer-Noser, founder and majority shareholder of 3S Swiss Solar Solutions AG as well as other entrepreneurs.

Production starts in August

Under the new owner, production of coloured solar glass will start in August 2025 with a capacity of up to 400m² of toughened safety glass per week and 500m² of semi-tempered glass per week. Kromatix solar glass will therefore be available again from September 2025. The former manufacturer, Kromatix AG in Romont, Fribourg, ceased operations in 2024 and has been in liquidation since then. The brand, technology and patents were transferred to Kromatix Glass Tech SA.

Kromatix Glass Tech SA coordinates production of the colored solar glass, in which several companies are involved. They carry out the individual production steps on behalf of Kromatix Glass Tech SA; for example, Crea-Glass GmbH in Interlaken and the Glas Trösch Group refine the solar glass.

Kromatix Glass Tech SA sells the solar glass in Switzerland and abroad. Where delivery is not practical or unrealistic due to the distance involved or for other reasons, foreign glass manufacturers are to be persuaded to produce Kromatix solar glass under licence and sell it to module manufacturers. In addition to Europe, there is high potential for coloured solar glass in the USA, the Middle East and Southeast Asia. In Europe, several module manufacturers are already using coloured solar glass from Kromatix. In Switzerland, they are processed into solar modules and sold by 3S Swiss Solar Solutions AG.

With Kromatix Glass Tech SA, g-neration.energy AG is pursuing a different strategy to that of Kromatix SA: it is focusing on the manufacture and sale of coloured solar glass, while Kromatix SA itself produced coloured solar modules. Despite the former owner's financial problems, Kromatix technology continues to enjoy an excellent reputation. The market for coloured solar glass is growing strongly at

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a low level. g-neration.energy AG is convinced that Kromatix Glass Tech SA will benefit disproportionately from this growth thanks to its colour technology with the highest energy efficiency.

Up to 40 per cent more energy

Compared to painted or coated glass, the energy yield of Kromatix technology is up to 40 per cent higher. At the same time, the solar glass is characterised by excellent aesthetics. Kromatix does not require pigments, paints or printing processes; instead, the glass is coloured using nanotechnological coatings and atomic deposition. The multi-layer, highly transparent coatings ensure high UV resistance as well as colour stability and prevent glare.

Thanks to Kromatix technology, the average light transmission is between 82% and 89%, depending on the colour (compared to 93% for standard solar glass). This makes it possible to combine high energy efficiency with aesthetic design freedom in building-integrated applications. In order to meet a wide range of project requirements, the coloured solar glass is produced in various dimensions and thicknesses and is available in 10 colours. The glass can be ordered as a raw sheet in the format 3.21m x 6.00m or as ready-cut, moulded and tempered glass.

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