

SAATI

SAATI is a multinational company that develops, manufactures, and commercializes highly advanced technical fabrics and chemicals for industrial use, such as: automotive, consumer electronics, graphics, ballistic protection, and architecture.

SAATIstyle®

SAATIstyle® is our product range of polyester fabrics specifically designed for architectural applications; our team of experts can offer support in the design of tailor-made architectural projects and meet any specific requirement in terms of light, texture, reflection, and transparency thanks to its wide range of fibers, thicknesses, and open areas.

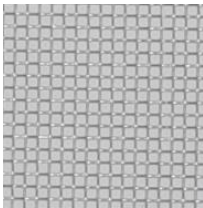
Our synthetic fabrics are up to five times lighter than their corresponding wire meshes, and therefore they are proven to be much easier to handle and cut.

The materials we love most are the reflection of our reality and SAATIstyle® fabrics respond not only to aesthetic and emotional needs, but also to functional ones. We enable you to juxtapose a flat texture with a printed pattern or two colors against each other, without interference from the opposite side.



Width of fabric: 158 cm

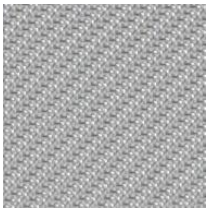
Standard Mesh Type



SAATIstyle®
002AL



SAATIstyle®
003AL



SAATIstyle®
007AL

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We recommend to verify the actual effect of SAATIstyle fabric through a sample.

Item (Nominal Values)	Open area	Weight	Thickness
		UNI 5114:1982	UNI EN ISO 5084:1996
SAATIstyle® 002AL	55 %	170 g/m ²	530 µm
SAATIstyle® 003AL	44 %	110 g/m ²	260 µm
SAATIstyle® 007AL	29 %	278 g/m ²	380 µm



SAATIstyle® for every project

SAATIstyle® is a polyester fabric coated with a metal layer that is then printed with colors. Both sides of the product are customizable and manageable separately, achieving different effects for each face within the glass.

Testing

All SAATIstyle® 002AL, 003AL and 007AL have been tested and certified in accordance with:

- EN 12600:2002 (pendulum test) - level 1B1*
- UNI EN ISO 12543-4:2022 (test method for durability)
- no delamination nor bubble*

Recommendations

When handling the fabric, it is recommended to always take care of the material to avoid any contamination that could stain the fabric.

We also recommend testing the compatibility between the fabric and any materials that come into contact with it. The choice of the interlayer, which should be a minimum of 0.76mm both above and below the fabric, must be made based on the desired qualities such as resistance to humidity or mechanical stress.

To ensure greater insulation, we suggest leaving a 10mm perimeter without fabric to achieve better sealing and to mask the edge of the glass with an outer profile.

When cutting the fabric, it is important to ensure that all shapes are cut in the same direction. This is because the fabric has a directional pattern which is evident during lamination.

The fabric can be cut either cold or hot. In the latter case, we recommend avoiding excessively high temperatures to prevent burn marks on the edge. It is important to note that the glass processing company is ultimately responsible for the lamination process.

Storage

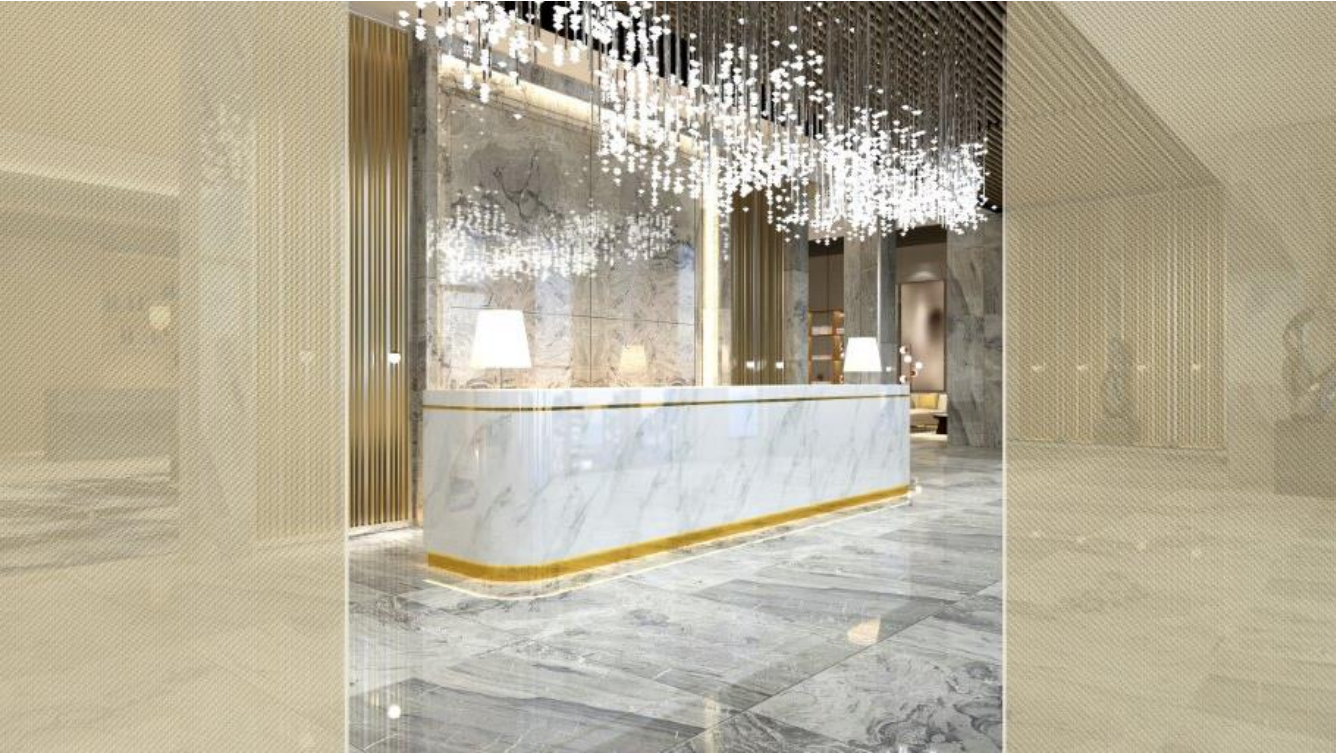
All SAATIstyle® materials must be kept in a dry and clean indoor environment with no direct exposure to sunlight. To avoid leaving impressions on materials, they must be stored horizontally within bubble wrap and never stacked. Always handle with clean, lint-free gloves.



		Light Transmission	Haze	Clarity
		ASTM D- 1003		
002AL Crown Gold		50%	6%	99%
002AL Intense Copper		49 %	5%	99%
002AL Market Bronze		48%	4%	99%
003AL Crown Gold		40%	10%	98%
003AL Intense Copper		39%	9%	98%
003AL Mineral Spring		40%	9%	98%
003AL Sparkling Champagne		41%	10%	98%
007AL Crown Gold		23%	15%	98%
007AL Intense Copper		22%	14%	98%
007AL Emerald Green		20%	7%	98%

The values in the table must be considered as references, suggestions for design.
*They were obtained from individual samples laminated within two panes of glass in vacuum bags the composition: low-iron glass (4mm) + SentryGlas (0,76mm) + fabric + SentryGlas (0,76mm) + low-iron glass (4mm). We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

The technical information, recommendations and other statements contained in this document are based upon tests or experience that SAATI® believes are reliable, but the accuracy or completeness of such information is not guaranteed



SAATI

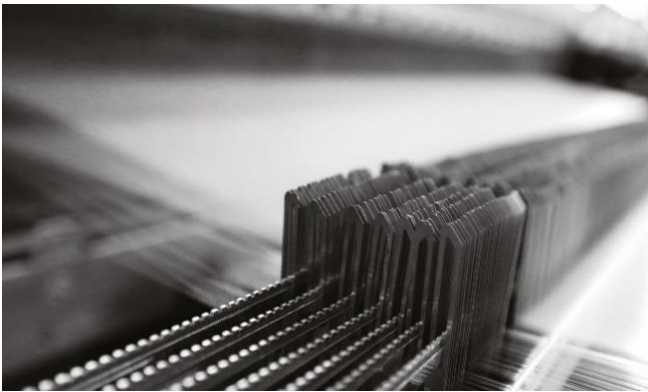
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Testing

SAATIs[®]style 001AL, 005AL HexagonAL and StructureAL have been tested in accordance with UNI EN ISO 12543-4:2022 (test method for durability) - no delamination nor bubble.
Composition: low-iron glass (4mm) + SentryGlas (0,76mm) + SAATIs[®]style + SentryGlas (0,76mm) + low-iron glass (4mm).



Products	Light Transmission	Haze	Clarity
	ASTM D- 1003		
SAATIs [®] style 001AL	41	12	99
SAATIs [®] style 005AL	34	16	98
SAATIs [®] style HexagonAL	42	13	98
SAATIs [®] style StructureAL	22	36	95

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Customers must verify the product's suitability for their specific application, as performance may vary. Thorough testing is essential before final installation or commercialization. The provided information applies only to the specified product and not to combinations with other materials or processes.

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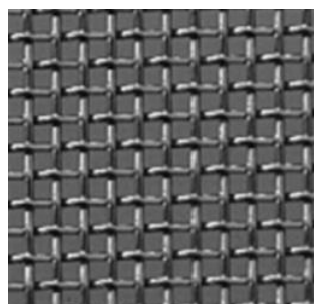
Front lighting



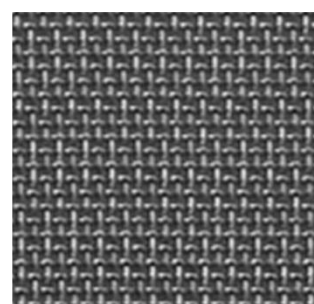
Back lighting

SAATIstyle® Standard Mesh Type

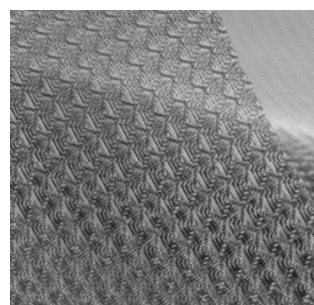
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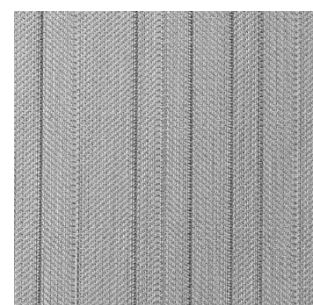
SAATIstyle® 001AL



SAATIstyle® 005AL



SAATIstyle®
HexagonAL



SAATIstyle®
StructureAL

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