



tvitec
rocalux

*Design with
no limits*

**ISOLAR®
GLAS**

MEHR AUS GLAS



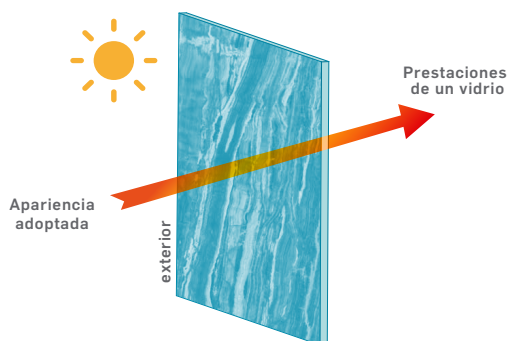
ROCALUX

TEXTURES AND NUANCES OF OTHER CONSTRUCTION MATERIALS

Rocalux® is a novel and versatile product. Made of glass, it enables one to adopt the textures and nuances of other materials used for construction. Rocalux® can represent any design that the customer requires, using digital printed glass, be it natural stone or any type of finish reproduced by using an image in high definition.



Rocalux can represent any drawing the customer wishes using printed glass but completed by a superficial and unique finishing touch which breaks with the glass appearance, eliminating reflects and flashes characteristic of this material and adding lightly rough texture which creates a fabulous finish perceptible by sight and touch.



▶ Rocalux® is an absolute innovative product which contains itself an incredible range of possibilities. In a way, all that your imagination could inspire.

In general, this product was born to satisfy the new and modern material needs for architecture studies, engineering, construction companies and building envelope specialists.

Also for interior design, to be used in both public spaces, as for instance hotels or offices, and private or residential areas. Rocalux is opened to a wide variety of uses.



➤ SERVICES

Lightness. Low weight. When it comes glass, it can be cut in different thicknesses from 6mm to 19mm.

Versatility. Different types of product: monolithic glass, double or triple glazing and also laminated.

On demand. The design can be customized to create shapes or patterns throughout the facade or the same pattern can be repeated on each piece.

Multi replicable. It's replicable. Since it is a printing file, in case of replacement it's possible to duplicate exactly the same design of the original piece, keeping the same tone and finish or even applying aging effects to the photograph if is necessary.

Easy to assemble. Rocalux can be installed in the same way as the other pieces of glass which make up the facade.

Flexibility. When it is about glass material, it is possible to create fancy shapes with holes, cut-outs, etc.

Security. Impact classification to EN 12600: 2002 - 1C3 and it always obtain a Class 1B1 classification.

Luminosity. This product allows the light to pass through, if required. On the contrary, it is also possible to make it totally opaque.

➤ PRODUCT RANGE

Rocalux is an absolute innovative product which contains itself an incredible range of possibilities. In a way, all that your imagination could inspire.

➤ SCOPE OF APPLICATION

Rocalux® is born to meet the needs of new and more modern materials. It is intended both for public spaces such as hotels or office complexes, as well as for private and residential dwellings. Rocalux, as such, opens up a wide range of uses.

It suits perfectly as non-slip floor. Guaranteeing maximum functionality and resistance and avoiding any possible risks in outdoors and indoors.



Standard dimension 3.210 x 6.000 mm
(Greater dimensions, check availability).

Standard thickness 6, 8, 15, 19 mm
(Thickness 4, 5, 10 and 12 mm check availability).





► QUALITY AND DURABILITY

Rocalux® has successfully passed all the quality tests in accordance with the; EN 12150 y ASTM C1048.

This product has been tested for use in outdoors and indoors, and it has come up as a great non-slip floor.

Rocalux® is opened to a wide variety of uses.

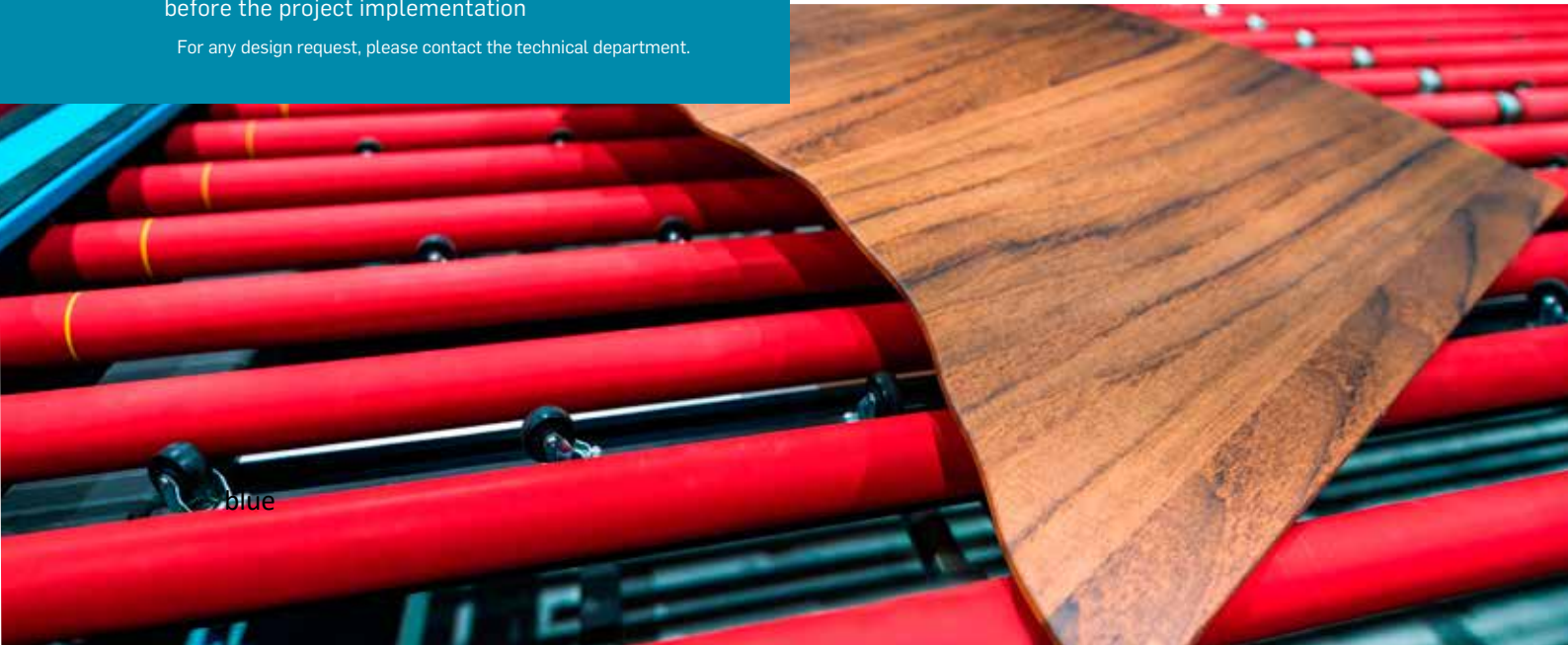
PROCESSING

Rocalux® can be used in monolithic glazing with the serigraphy faced the outside environment (face #1), in laminated glass (security glass Lamistar®) or in insulated glass units (Isolar®)

Rocalux® is available on curved glass too.

TVITEC recommends to request product samples before the project implementation

For any design request, please contact the technical department.



Below, the tests made and listed on passing results:

Durability of the coatings in ambient condition.

Scratch resistance.

Resistance to acid attack.

Compliance with EU Standards and CE marking.

Conformity with USA Standards for toughened safety glass.

Anti-Slip Properties on dry and wet floors under B.C.R.A. CEC.6/81.

It has the top Anti-Slip classification: Class 3 (Rd>45), the highest class below EN 41901: 2017 EX Slip Resistance (Pendulum). It suits perfectly with any flooring application.

► GLOSS AND WARRANTY

All the colours have been tested for exterior exposure in architectural glass. A ten-years warranty statement can be provided for exterior decorations on building glass.

UV-Radiation

Black	White	Red	Yellow	Blue	Green	Recommended mix black:	
						< 10%	> 10%
$\Delta E < 9.9$	$\Delta E < 2.9$	$\Delta E < 4.9$	$\Delta E < 4.9$	$\Delta E < 4.9$	$\Delta E < 4.9$	$\Delta E < 4.9$	$\Delta E < 9.9$

For further information, do not hesitate to contact your sales representative or our technical team.

*Our leadership
is based on
excellence, innovation
and the most avant-garde
techniques.*

#passionforglass



Tvitec System Glass



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The information is provided to the best of our knowledge, but excludes any guarantee, printing errors and changes

glass from another dimension

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