

# LACOBEL T AND MATELAC T

Toughened painted  
glass for decoration

The logo for AGC, consisting of the letters 'AGC' in a bold, blue, sans-serif font. A small red square is positioned to the left of the letter 'C'.

Your Dreams, Our Challenge

# AGC Glass Europe introduces...



**BELGIUM** BRUSSELS AIRPORT, WALL CLADDING, LACOBEL T COOL WHITE

# ... the toughest range of glossy and matt painted glass



## LACOBEL T & MATELAC T

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# A dual range playing with mix & match effects

## — LACOBEL T & MATELAC T —

The AGC dual range of toughened painted glass is available in the Lacobel T version with a glossy surface and the Matelac T version with a matt surface. This range offers the unique advantage that it can be toughened or thermally hardened by the processor, thus making the production process even more streamline and reducing delivery times. AGC strongly recommends that these products are sourced from AGC Certified Processors. A list of these suppliers is available per country on [www.agc-yourglass.com](http://www.agc-yourglass.com). The palette of 10 colours is the same for both ranges, enabling architects and designers to exploit the matching shades and contrasting surfaces. Fully dependable and suitable for both indoor and outdoor use, this versatile range opens up a wide choice of design possibilities.



BELGIUM WALL CLADDING FIRE PLACE, LACOBEL T PETROL GREEN



FRANCE KITCHEN SPLASHBACK NEAR HEAT SOURCE, LACOBEL T OYSTER WHITE AND TABLE TOP, MATELAC T MOKA

# The ultimate in strength and safety

## — LACOBEL T & MATELAC T —

What's so special about it? | What does this mean for you?

- Toughened painted glass (to be toughened before use)**
    - Strong and safe so it has high resistance to impacts and scratches
    - Withstands thermal shocks, offering a large choice of applications
    - Can be used in interior and exterior wall cladding applications
    - Resistance to UV
    - Decorative glass product that meets high safety standards within buildings
    - Easy to install and maintain
    - Toughened Lacobel T and Matelac T show very little indoor emissions of Volatile Organic Compounds (VOCs)
  - High quality paint industrially applied onto the glass**
    - Uniform glossy or matt appearance
  - 10 trendsetting colours**
    - Unlimited design possibilities for interior and exterior wall cladding applications
  - Pre-painted glass which can be immediately cut and heat-treated at the processing plant**
    - No need to paint manually before or after heat-treatment of the glass
    - Processors have more flexibility in managing production lines, orders and inventory, resulting in faster response to market needs
  - 10 year warranty**
    - Warranty on colour stability of the thermally treated glass installed in exterior or interior conditions
    - Warranty that the glass shall not suffer alterations if applied with FIX-IN<sup>1</sup> glass bonding solution in interior applications (see Warranty document on [www.agc-yourglass.com](http://www.agc-yourglass.com) for more details)
1. FIX-IN products can be purchased on [www.agc-store.com](http://www.agc-store.com).

Lacobel T and Matelac T products are Cradle to Cradle Certified™ Silver.





# It's the answer to all your needs

## — LACOBEL T & MATELAC T —

What can you use it for? | Be inspired...

**Indoor furniture** – Table tops, shelves, writing boards, kitchen work tops, display units, glass retail stands, etc.

**Interior wall covering** – Kitchen splashbacks, bathrooms, restaurant, hotels, shops, offices, schools and universities walls, etc.

**Doors** – Interior and exterior

**Facade cladding** – Shop fronts, spandrels, commercial buildings, residential houses, etc.

**Other exterior applications** – Outdoor furniture, exterior partitions





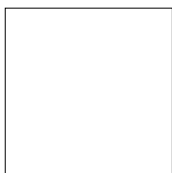


**BELGIUM** AGC TECHNOVATION CENTRE, WALL CLADDING, LACOBEL T COOL WHITE

# Let's play with colours and finishes



## LACOBEL T & MATELAC T



Crisp White\*  
Ref 1000



Cool White  
Ref 1502



Misty White  
Ref 5813



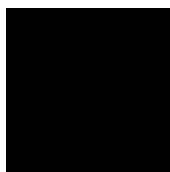
Oyster White  
Ref 0613



Zen Grey  
Ref 6005



Anthracite Grey  
Ref 0913



Deep Black  
Ref 8502



Moka  
Ref 3113



Light Blue  
Ref 1413



Petrol Green  
Ref 1313

**Thicknesses:** – Lacobel T / Matelac T 4, 6, 8 and 10 mm

**Dimensions:** – Lacobel T: 225/255 x 321 cm / 510 x 321 cm  
– Matelac T: 225/255 x 321 cm (available only in DLF dimensions)



\*Lacobel T Crisp White is not fully opaque. Therefore, AGC recommends not gluing it but using mechanical fixing. In this case, make sure to paint the complete wall/substrate in a uniform white colour.

# Technical specifications

## LACOBEL T & MATELAC T

What are your processing options?			Pay attention to...
Safety	Toughening	Yes	Toughening in convection furnace is mandatory. Paint must be facing upwards
	Laminating	Yes	PVB lamination possible after heat-treatment, on both painted and glass side for Lacobel T, on painted side only for Matelac T
	SAFE+ film	n/a	Lacobel T and Matelac T are, by definition, a safety product (after toughening). This means SAFE+ film is no longer necessary
Cutting	Straight or circular	Yes	Lacobel T and Matelac T can be cut before heat-treatment (the paint must be facing downwards)
Shaping and edge finishing	Edge grinding	Yes	Before heat-treatment only
	Grinding	Yes	Before heat-treatment only
	Drilling	Yes	Before heat-treatment only
	Notches	Yes	Before heat-treatment only
Special treatments	Sandblasting	Yes	For Lacobel T only: glass side before or after heat-treatment / painted side before heat-treatment
	Silk screen printing	Yes	For Lacobel T only: enamel deposition possible before or after heat-treatment
Exterior applications	-	Yes	Spandrels on opaque substrate, wall cladding (e.g. shop fronts)

Other features			Your benefits
Resistant to moisture	-	Yes	Lacobel T and Matelac T can be used in humid areas, both indoors (bathrooms, kitchen, etc.) and outdoors (spandrels, facade cladding). The painted side should not be exposed to position 1
Resistant to heat	-	Yes	Resistant to thermal shock after heat-treatment
UV resistance	-	Yes	No discolouring possible
Bonding/mounting	-	Yes	Easy and safe to install
Easy to maintain	-	Yes	Ideal for yet more applications
24 months shelf life*	-	Yes	Enhanced stock management

\* Valid from date of delivery.

Lacobel T and Matelac T painted glass must be either thermally toughened according to EN 12150 or heat-strengthened according to EN 1863, by means of a convection furnace.

AGC provides technical support for all glass processors and installers via our Technical Advisory Service (TAS). Please make sure to carefully read the Lacobel T/Matelac T Processing guide, Installation guide and Cleaning guide, which are available on [www.agc-yourglass.com](http://www.agc-yourglass.com). AGC strongly recommends that Lacobel T and Matelac T products should be processed by an AGC Certified Processor (see complete list on [www.agc-yourglass.com](http://www.agc-yourglass.com)).



## AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and solar power applications. It is the European branch of AGC, the world's leading producer of flat glass. It has over 100 sites throughout Europe, from Spain to Russia.

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