

LACOBEL T AND MATELAC T

Toughened painted
glass for decoration

AGC



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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UNITED KINGDOM KITCHEN SPLASHBACK, MATELAC T ZEN GREY

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. 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.



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-IN¹ glass bonding solution in interior applications (see Warranty document on www.agc-yourglass.com for more details)

1. FIX-IN products can be purchased on 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



POLAND | TABLE TOP, MATELAC T DEEP BLACK

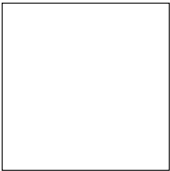


BELGIUM | AGC TECHNOVATION CENTRE, WALL CLADDING, LACOBEL T COOL WHITE



Let’s play with colours and finishes

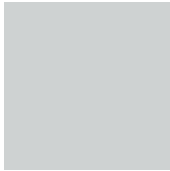
LACOBEL T & MATELAC T



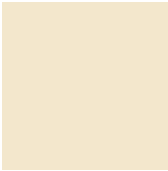
Crisp White*
Ref 1000



Cool White
Ref 1502



Misty White
Ref 5813



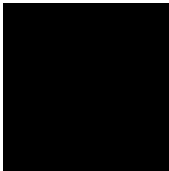
Oyster White
Ref 0613



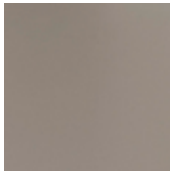
Zen Grey
Ref 6005



Anthracite Grey
Ref 0913



Deep Black
Ref 8502



Moka
Ref 3113



Light Blue
Ref 1413



Petrol Green
Ref 1313

Thicknesses and dimensions

- DLF: 225/255 x 321 cm in 4, 6, 8 and 10 mm
- PLF: 510 x 321 cm in 4, 6 and 8 mm

For the exact availability per colour, thickness and size, please contact your local sales representative and check the product catalogue on <https://agc-yourglass.com/product-catalogue>.



*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. 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).

Some pictures in this brochure are renderings (cover page, page 6 © Mysis and page 5 © studiomiilo).



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 other industrial sectors (transport, solar power and high-tech). It is the European branch of AGC, a world leader in flat glass. It has over 100 sites throughout Europe, from Spain to Russia. More information on www.agc-yourglass.com.

AUSTRIA

AGC Interpane
T +49 39 205 450 446
aidg@interpane.com

BELGIUM

AGC Glass Europe
T +32 2 409 30 00
sales.belux@agc.com

BULGARIA / MACEDONIA

AGC Flat Glass Bulgaria
T +359 2 8500 255
bulgaria@agc.com

CROATIA / SLOVENIA / BOSNIA & HERZEGOVINA

AGC Flat Glass Adriatic
T +385 1 6117 942
adriatic@agc.com

CZECH REPUBLIC / SLOVAKIA

AGC Flat Glass Czech
T +420 417 50 11 11
czech@agc.com

ESTONIA

AGC Flat Glass Baltic
T +372 66 799 15
estonia@agc.com

FINLAND

AGC Flat Glass Suomi
T +358 9 43 66 310
sales.suomi@agc.com

FRANCE

AGC Glass France
T 0805 20 00 07
contact.france@agc.com

GERMANY

AGC Interpane
T +49 39 205 450 446
aidg@interpane.com

GREECE / MALTA / ALBANIA

AGC Flat Glass Hellas
T +30 210 666 9561
sales.hellas@agc.com

HUNGARY

AGC Glass Hungary
T +36 20 9732 987
hungary@agc.com

ITALY

AGC Flat Glass Italia
T +39 02 62 487 111
market.italia@agc.com

LATVIA

AGC Flat Glass Baltic
T +371 6 713 93 59
latvia@agc.com

LITHUANIA

AGC Flat Glass Baltic
T +370 37 451 566
lithuania@agc.com

NETHERLANDS

AGC Nederland Holding B.V.
T +31 344 67 97 04
verkoop.glas@agc.com

POLAND

AGC Glass Poland
T +48 22 872 02 23
polska@agc.com

ROMANIA

AGC Flat Glass Romania
T +40 318 05 32 61
romania@agc.com

RUSSIA

AGC Glass Russia
T +7 495 411 65 65
sales.russia@agc.com

SERBIA / MONTENEGRO

AGC Flat Glass Jug
T +381 11 30 96 232
jug@agc.com

SPAIN / PORTUGAL

AGC Flat Glass Ibérica
T +34 93 46 70760
sales.iberica@agc.com

SWEDEN / NORWAY / DENMARK

AGC Flat Glass Svenska
T +46 8 768 40 80
sales.svenska@agc.com

SWITZERLAND

AGC Interpane
T +49 39 205 450 446
aidg@interpane.com

UKRAINE

AGC Flat Glass Ukraine
T +380 44 230 60 16
sales.ukraine@agc.com

UNITED KINGDOM

AGC Glass UK
T +44 1788 53 53 53
sales.uk@agc.com

OTHER COUNTRIES

AGC Glass Europe
T +32 2 409 30 00
sales.headquarters@agc.com