



## LACOBEL T – A TECHNOLOGICAL FEAT

AGC Glass Europe's Lacobel painted glass is a major success story. Glass processors and architects love its unique appearance.

Lacobel is used mainly in furniture and is available in multiple colours. While a safety version was already available (made by applying a SAFE film to the back of the glass), never before has there been a toughenable version.

After years of research and development AGC is now unveiling a major technological innovation in the form of Lacobel T, a unique range of painted glasses that processors can toughen.

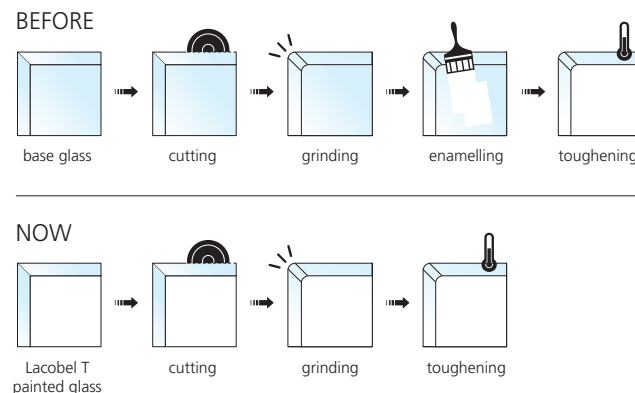
## BENEFITS

**Lacobel T offers many benefits, especially for processors:**

- they receive pre-painted glass that they can immediately cut and toughen:
  - this makes them more flexible in managing their production lines, orders and inventory;
  - since the product has already been painted, they save a lot of time and can offer shorter delivery times (saving time = saving money).
- **AGC's industrial paint application process guarantees an impeccable appearance:**
  - uniform colour on the glass;
  - colour stability after the toughening process.
- **high-quality paint is used on the glass:**
  - hard to scratch, even before the toughening process, which means a much lower risk of scratching during shipping.
- **interior and exterior applications:**
  - in addition to the traditional usages of painted glass for interior applications, Lacobel T is also designed for use in facades (spandrels or cladding for certain kinds of walls).

**Other benefits:**

- the glass is toughened and can meet safety standards;
- it withstands thermal shock;
- it also features all the well-known benefits offered by Lacobel: a glossy appearance, ease of installation and maintenance.



## APPLICATIONS

- Furniture: tables, shelves, writing boards, display units, glass bases, etc.
- Wall covering: kitchen splashback, restaurant walls, hotels, shops, offices, etc.
- Spandrels
- Facade cladding (example: shop fronts)

## TECHNICAL FEATURES

AGC recommends using a convection toughening furnace to correctly toughen Lacobel T painted glass. AGC will provide technical support for glass processors to help define the correct toughening profiles. AGC also recommends closely reading the Lacobel T Processing Guide, which describes the steps in the toughening process. The guide is available on [www.YourGlass.com](http://www.YourGlass.com).



## LACOBEL T RANGE

### Lacobel T is available in 4 shades:

- Deep Black
- Zen Grey
- Crisp White
- Cool White<sup>2</sup>

Thicknesses: 4, 6, 8 and 10 mm.

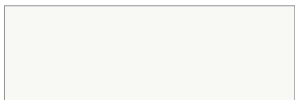
Dimensions: 225/255 x 321 cm.



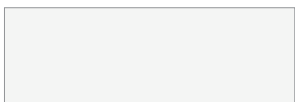
Lacobel T *Deep Black*  
REF 8502



Lacobel T *Zen Grey*  
REF 6005



Lacobel T *Crisp White*  
REF 1000



Lacobel T *Cool White<sup>2</sup>*  
REF 1502

Important: the paint used for the Lacobel T range differs from the colours in the standard Lacobel range (which cannot be toughened).

PROCESSING OPTIONS		NOTES	
Safety	Toughening	Yes	Obligatory: carried out by the processor; the paint must be facing upwards
	Laminating	Yes	PVB lamination possible after tempering, both to the painted side and the glass side
	SAFE film	No	Lacobel T is, by definition, a safety product (after toughening). This means the SAFE film is no longer necessary
Cutting	Straight or circular	Yes	Lacobel T can be cut before toughening (the paint must be facing downwards): See the Processing Guide on <a href="http://www.YourGlass.com">www.YourGlass.com</a>
		-	-
Shaping and edge finishing	Edge grinding	Yes	-
	Grinding	Yes	-
	Drilling	Yes	-
	Notches	Yes	-
Special treatments	Sandblasting	Yes	Glass side before or after toughening / Painted side before toughening
	Etching	Yes	On the glass side after toughening
	Silk screen printing	Yes	Enamelled toughened glass seal possible on painted side
	Bending	Yes	With the paint being compressed or pulled (paint opposite the bending surface)
Exterior applications	-	Yes	-

OTHER ASPECTS			
Moisture resistance	-	Yes	Lacobel T can be used in humid areas both indoors (bathrooms, kitchens, etc.) and outdoors (spandrels, facade walls)
Heat resistance	-	Yes	Resistance to thermal shock (toughened product)
UV resistance	-	Yes	No discolouring possible
Bonding/Mounting	-	Yes	-
Ease of maintenance	-	Yes	-



[www.yourglass.com](http://www.yourglass.com)

GLASS UNLIMITED

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AGC has representatives around the world. For more information, visit the Contacts section of [www.YourGlass.com](http://www.YourGlass.com).



# LACOBEL<sup>®</sup> T

TOUGHENABLE PAINTED GLASS



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