



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.

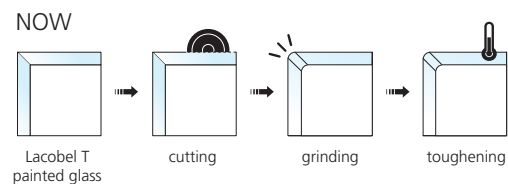
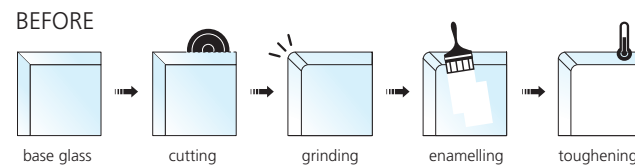
BENEFITS

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.



LACOBEL T RANGE

Lacobel T is available in 4 shades:

- Deep Black
- Zen Grey
- Crisp White
- Cool White²

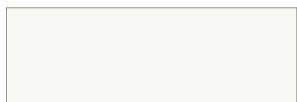
Thicknesses: 4, 6, 8 and 10 mm.
Dimensions: 225/255 x 321 cm.



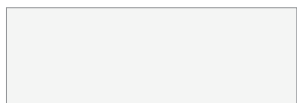
Lacobel T *Deep Black*
REF 8502



Lacobel T *Zen Grey*
REF 6005



Lacobel T *Crisp White*
REF 1000



Lacobel T *Cool White²*
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. |
| | 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 www.YourGlass.com . |
| | 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.witvrouw.be - 01/2011 - Ref. 9000165



LACOBEL[®] T

TOUGHENABLE PAINTED GLASS



GLASS UNLIMITED



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AGC has representatives around the world. For more information, visit the Contacts section of www.YourGlass.com.