



# ACRYLIC & LAMINATE SLAB

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### Acrylic

Acrylic is an efficient, PVC-free plastic surface used for lamination on MDF or chipboard sheets. This area of application extends to every type of furniture equipment for the kitchen, bathroom, living room, bedroom, office and much more in the form of coated sheets with a high gloss or matte surface.

Our high gloss films, with their unmistakable surface and depth effect, offer a gloss effect like no other material. They can be distinguished by enormous scratch resistance, UV resistance and environment friendly features. All products are exactly matched as required to their target group of furniture manufacturers, suppliers, laminators and designers.

The acrylic layer is done through an extrusion process to provide ultra high gloss acrylic top layer without ripples. It is then laminated on a premium MDF substrate. The core material is carefully selected to have low surface variance, so the surface is not flawed by substrate imperfections. The panels are PUR (polyurethane) laminated inside a Class-100 (ISO 5) cleanroom, which is a manufacturing process that guarantees as close to a perfect product as technologically possible.

The doors and panels have the acrylic on the face with a matching melamine back with the exception of beige metallic which is high gloss on both sides of the door. All other colors can be supplied high gloss on both sides by special order. The doors and panels are edge banded with a color matched or 3D 2 in 1, 1 mm ABS edge banding. Each door is fusion banded for a seamless finish. The acrylic doors are 20 mm thick. Maximum door size is 46" x 94".

High gloss films are available in 2 sizes (2,800 x 1,300 mm or 2,440 x 1,220 mm). Matching edge band material is available.

### Benefits:

- high scratch resistance (scour resistant)
- enormous chemical resistance
- no polishing of the surface after removal of protective film
- increased UV resistance

Films are available in several market-adjusted trend colors and can be offered ex-stock in 2 sizes (2,800 x 1,300 mm or 2,440 x 1,220 mm). Matching edge band material is available.

### Benefits:

- supermatte, smooth surface
- excellent scratch resistance, scour resistant
- increased UV resistance
- enormous chemical resistance
- anti fingerprint properties

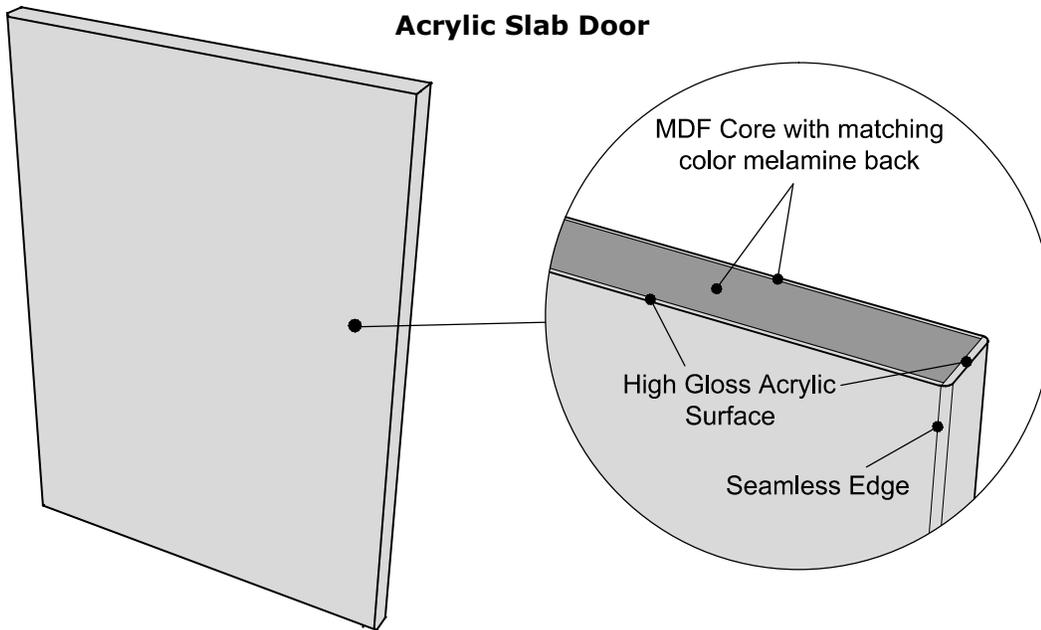
### Care & Handling

All high gloss and matte acrylic doors come with a protective film which should not be removed until project is complete. Ensure finished items with protective coating are not stored in direct sunlight as the film could be affected and become difficult to remove. Optimum scratch resistance will be achieved by lightly polishing with a plastic polish, like Vuplex, Ovus I, or Plexux plastic Polish with a clean micro-fibre cloth. Minor scratches and scuffing can be removed by hand using a liquid polish and soft micro-fibre cloths.

### Cleaning

Best results will be achieved using wet micro-fibre cloths or chamois with non-abrasive soap or detergent. Avoid using paper towel, brushes, scourers, scrapers and dry wiping the finish. Applying Ultra Gloss Superpolish and DGS on a weekly basis will maintain the finish in an optimum condition.

**Acrylic Slab Door**



**Thermally Fused Laminate (TFL)**

Elias collaborates with many of the manufacturers of the TFL products. Most of the major TFL manufacturers have implemented new technology and equipment so the look and feel of the prints is as real as the material they are trying to replicate. There is seemingly an endless selection of TFL colors and prints to choose from, making it difficult for Elias to stock, but many of the prints can be obtained relatively quickly through the different distribution channels. Each TFL manufacturer and distributor stocks the different prints and

colors at different levels therefore it is important to inquire on availability prior to making delivery commitments. It should also be noted that many of the TFL manufacturers have made it possible to obtain matching accessory moldings, high pressure laminate (HPL), repair kits, vinyls and Laminate products making it possible to incorporate TFL's into more complex residential and commercial projects. To obtain prices for TFL doors, please call a customer service specialist or send in a list containing sizes, color codes and manufacturers' name.

**Laminate Slab Door**

