

TECHNICAL DATA SHEET ENAMELITE (FGTDS-FS-05)



Enamelite is a ceramic fritted glass, processed through a silk screen or spray-painted. It imparts style, privacy and light-and-heat diffusion by fusing ceramic inks on glass. The inks are transferred to the glass in the design and colour of your choice through a custom-designed silk screen. These glasses are great for creating decorative surfaces or use as opaque spandrel panels. Our inks are sourced only from Europe and are guaranteed against flaking and peeling. Over 100 designs and colours can be coated on clear, tinted and coated glasses. Once the inks are transferred on to the glass surface, it is then fired in the furnace at 650 °C, with the option of making it fully tempered or heat-strengthened. This post print-firing ensures that the printed surface is extremely durable and highly resistant to scratches and peeling off.

TECHNICAL SPECIFICATIONS

Description	Levels
Process Type	Screen printing or spray painting
Glass Types	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Colour Options	Almost all colors in the RAL colour scheme*
Design Types	Full flood coat or wide range of custom-designs*
Glass Thickness	3.00 mm to 19.00 mm
Edge Type	Rough grind, arrissed, super polished
Compressive Stress (Surface)	30 MPa to 52 MPa (4,300 Psi to 7,500 Psi) - Heat-Strengthened
Compressive Stress (Surface)	69 MPa (10,500 Psi) minimum - Fully Toughened

DIMENSIONS

Description	Levels
Minimum Size	200 mm X 300 mm
Maximum Size	2440 mm X 3600 mm (4.00 mm and 5.00 mm)
	3000 mm X 5100 mm (6.00 mm to 12.00 mm)

UNIQUE SELLING POINTS

Description	Levels
Raw Materials	Only sourced from Europe

* Please consult our sales team for feasibility of producing your specific colour and design.