

TECHNICAL DATA SHEET

digitecture™ (FGTDS-CR-25)



digitecture™ is unarguably our most revolutionary product in the *Creations* space and poised to change the way architects, designers and developers perceive or conceptualize facades and interior spaces. With practically any design print possible in an unlimited array of colours, digitecture™ can convert traditional facades, railings, backsplashes and floors into a signature work of art.

TECHNICAL SPECIFICATIONS

Description	Levels
Process Type	Digitally printed glass through extremely precise electromagnetic controlled drives
Glass Types	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Glass Thickness	4.00 mm to 19.00 mm (80.00 mm glass blocks also printable)
Ink Type	Ceramic based
Colour Types	Standard RAL shades, metallic (silver, gold, platinum), acid-etched, anti-skid
Maximum Resolution	1440 dpi (dots per inch)
Minimum Printable Dot Diameter	0.40 mm
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)
	2500 mm X 4500 mm* (6.00 mm and above)

* Height can be extended up to 6000 mm. Please consult our sales team for checking feasibility against your design.

UNIQUE SELLING POINTS

Description	Levels
1. Industry-leading printing resolution (1440 dpi)	2. Almost infinite range of designs and colours.
3. No screen-development time and costs.	4. 100% UV and weather resistant inks.
5. Prints on facade exterior surface possible.	6. Great option for making walkable glass floors.
7. Choose ready designs from our extensive library.	8. In-house team for customized design support.