



Technical Data Sheet - FacadeShield™ (FGTDS-FS-03)

FacadeShield is a heat-strengthened glass that is manufactured in one of two electric horizontal roller-hearth tempering lines. Both lines are equipped with a high-powered top-and-bottom convection heating system that enables heat-treatment of the most advanced coatings available in the market. Along with this the machines are equipped with an advanced and precise cooling (or quenching) system to ensure minimum levels of iridescence and very high glass flatness.

TECHNICAL SPECIFICATIONS

Description	Levels
Process Type	Horizontal Roller-Hearth Convection Furnace
Glass Type	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Glass Thickness	3.00 mm to 12.00 mm
Edge Type	Rough grind, arrissed, super polished
Compressive Stress (Surface)	30 MPa to 52 MPa (4300 Psi to 7500 Psi)

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
Heating System	Top-and-bottom forced turbo-charged convection system
Heating Control	Heat-scanner with precise measurement points
Cooling Type	Dual-oscillating quenching