

## StyleLite USA Panel Specification – MDF Core – Rev C, Feb 2017

EGR StyleLite ultra high gloss panel is manufactured using StyleLite face materials and is bonded to select grade MDF substrate using PUR hotmelt lamination technology. StyleLite panel complies with relevant sections of AS/NZS 4386.1 and is backed by a 10 year limited indoor warranty.

Property	Specification	Test Method
Board length	- 2 + 10 mm	Steel tape
Board width	- 2 + 5 mm	Steel tape
Board diagonal	< 3mm	Steel tape
Board thickness	+ / - 0.5 mm	Micrometer
Board mass	+ / - 5.0 %	Calibrated scale
Board edges	Face material + / - 2.0 mm from the finished edge of the MDF core. Face and core edges must be parallel to + / - 1.0 mm over the length of the edge	Steel rule
Useable surface	The useable surface of the board must meet or exceed the program size offered. ie 48" x 96" of useable area being the most common.	Steel rule
Face bonding	>90% fibre split	Cleavage peel
Flatness	< 2.5 mm / 3.3 feet in any direction	Steel tape
Solid Colours	Delta E 1.0 reflected	TS – 075
Metallic Colours	Delta E 1.5 reflected	TS – 075
Woodgrains	Visual match to master	Controlled master
Surface Gloss	> 85 % @ 60 deg	Gloss meter
Surface hardness	0.5 N after 24 hours and polishing	Erichsen scratch tester
Surface quality for board Face area up to 38 square feet. Specks, dimples or raised sections will not be grouped closer than 100 mm	6 Specks < 0.5 mm 6 dimples or raised section <3 mm No obvious die or flow lines No scratches or repeat marks No pin holes > 0.2 mm	Visual assessment in Moderate interior lighting Board viewed in a vertical Condition from a distance of 3.3 feet
Surface quality for board back surface	No obvious die or flow lines No scratches No repeat marks	
Masking	No wrinkles or lifting at the edges, sound adhesion across face area	Visual
Packaging	Suitable cover board top and bottom with 4 stickers and heavy duty PE straps. Cell air between each sheet, corner protection fitted and pack fully PE wrapped	Work instruction
Batch traceability	Face side masking printed with date of lamination	Process control plan

### Notes

- Metallic and woodgrains can vary in colour from batch to batch and individual end use projects should be manufactured from the same batch.
- Never transport or store StyleLite panels uncovered or in direct sunlight, always store inside.
- Panels should be stored horizontally on 4 equally spaced stickers of equal height, size and material
- The StyleLite panel surface will have variation and will show minor rippling in some light conditions when viewed at an acute angle.