

Sheet Material Technical Data

Stylelex –Face Sheet



Product Description

EGR StyleLex Face sheet are a portfolio of high quality High Pressure Laminates formulated for use in exterior covered area applications.

When bonded using PUR adhesive technology to suitable substrate, the StyleLex Face sheet complies with the relevant sections of AS / NZS 4386.1.

General Properties

Properties	Specifications	Test Method
Thickness	0.8mm	EN 438-3.5.3
Resistance to Surface Wear	350 Rev.(min)	EN 438-2 - 10
Resistance to Impact with small Diameter ball	20N (min)	EN 438-2 -20
Resistance to Scratching	3 Rating (min)	EN 438-2 -25
Resistance to Immersion in Boiling Water	4 Rating (min)	EN 438-2 -12
Resistance to Wet Heat at 100°C	4 Rating (min)	EN 438-2 -18
Resistance to Dry Heat at 160°C	4 Rating (min)	EN 438-2 -16
Resistance to Stain	4 Rating (min)	EN 438-2 -26
Resistance to Steam	4 Rating (min)	EN 438-2 -14
Resistance to Colour Change in Xenon-Arc Light	4 to 5 Rating (min)	EN 438-2 - 27
Density	1.35g/cm ³	EN ISO 1183 - 1
Anti-Bacterial Efficacy as per JIS 2810 - 2012*	% Reduction – 95.0 (Min)	% Reduction – 95.0 (Min)
Anti Bacterial Activity Test as per JIS 2810 -2012*	Activity Criteria – 2.0 (Min)	Activity Criteria – 2.0 (Min)
*Bacteria Tested	1. Pseudomonas Aeruginosa 2. Enterococcus Faecalis 3. Candida Albicans 4. Escherichia Coli 5. Klebsiella Pneumoniae 6. MRSA (Methicillin Resistant Staphylococcus Aureus) 7. Salmonella Enterica.	

Applications

Stylelex face sheets are designed for use in joinery projects and cabinet faces in interior or exterior covered areas. The sheets are designed for vertical use only.

Chemical Resistance

Stylelex face sheets are resistant to most chemicals and organic solvents.

Edge Finishing

A near seamless appearance can be achieved using edge bands applied with a thin layer of Transparent EVA or PUR adhesive. Edge band options include 1.0mm matching solid colours and patterns.

Lamination

Stylelex face sheet can be laminated to a variety of substrates. Best results will be achieved using PUR adhesive applied through an automated lamination process. Other adhesives such as liquid PUR cross linked EVA or water based contact adhesives can also be used for less technical applications, Typical substrates for laminated panels include MDF, HDF and Plywood.

Care and Maintenance

For general cleaning use warm soapy water and a clean microfiber cloth. Liquid dishwashing detergent is an ideal cleaner.

Warranty

Stylelex face sheets are covered by a 7 year indoor or exterior covered area warranty for use in vertical applications only.