

# STYLELITE® PANELS INFORMATION

## STANDARD BOARD OPTIONS\*

ITEM	BACKING	PANELS	ROBES	OTHER	SHEET SIZE
1	Colour matched High Gloss	18.5mm (16mm + 2.5mm)	8.5mm (6mm + 2.5mm)	-	2410mm x 1210mm
2	Colour matched Melamine	19.5mm (18mm + 1.5mm)	10mm (9mm + 1mm)	-	2410mm x 1210mm
3	StyleLite both sides	19mm (16mm + 3mm)	-	X-Board PLUS (26mm to 58mm - add 3mm)	to order

\* Special order options include: E Zero or Fire Rated substrates and longer sheet sizes.

## STANDARDS

StyleLite® laminated board complies with AS/ NZS 4386.1 Domestic Kitchen Assemblies for Appearance, Flatness, Wood Substrate and the Adhesive Bonding System.

## EDGE TAPE

A wide range of edge finishing options are available from StyleLite distributors and Surteco.

\* Refer to Guide 3 for more detail.

## LAMINATED PANEL MASS

8.5mm	7kg/m <sup>2</sup>
18.5mm	13.5kg/m <sup>2</sup>
33mm X-Board Plus	11.5kg/m <sup>2</sup>

## STYLELITE SHEET PHYSICAL PROPERTIES

PROPERTIES	SPECIFICATION	METHOD
Specific Gravity	1:09	ASTM D792
Water Absorption	<0.5%	ASTM D570
Surface Hardness	3H - 4H	Pencil Hardness
Heat Distortion Temperature	85° C	ASTM D648
Service Temperature	70° C	Continuous
Burning Resistance	94HB	UL 94
Gloss Level	> 90%	Viewed at 60°

## STYLELITE SHEET PERFORMANCE PROPERTIES

PROPERTIES	SPECIFICATION	METHOD
Bond Strength	100N (25 N min)	AS/ NZS 4266.28
Surface soundness	1.25 mpa (0.9 mpa min)	AS/NZS 4266.7
Abrasion Resistance	< 1.0% loss of gloss	500 cycles
Stain Resistance	No effect	AS/NZS 4266.25
Steam Resistance	No change after 30 mins	AS/NZS 4266.23
Cracking resistance	No effect	AS/NZS4266.24
Dry Heat Resistance	No loss of gloss or colour change	AS/NZS 4266.26

**StyleLite®**  
by **EGR**

For more information on this or any other fact sheet please visit -

[stylelite-aca.com](http://stylelite-aca.com)



# STYLELITE® ENVIRONMENTAL STATEMENT

StyleLite® is a co-extruded, semi-rigid thermoplastic polymer sheet, which is intended as a lamination material suitable for bonding to a wide variety of substrates including E Zero MDF.

StyleLite consists of an ABS (acrylonitrile butadiene styrene) coloured layer, which is permanently fused with a clear ultra high gloss Acrylic (Poly Methyl Methacrylate) top layer. StyleLite polymer sheet is an inert material and does not release any emissions to the environment during manufacture or in use. StyleLite is hygienic and does not promote bacterial growth or transmission.

All the colour pigments used in StyleLite sheet do not contain heavy metals such as lead or cadmium.

StyleLite offers significant environmental advantages compared with other high gloss finishes. StyleLite manufacture produces no VOC's unlike two pack spray paint, and StyleLite can be recycled.

StyleLite recommended lamination adhesive systems include water based EVA's and PUR reactive hot melts. Neither adhesive system emits any volatiles during the lamination process or during the life of the finished board products.

StyleLite polymer sheet can be treated as ABS for recycling purposes and falls under the Styrene group of polymers. StyleLite can be removed from the substrate by passive immersion in water. StyleLite sheet can then be recycled using mechanical means by grinding and pelletising for reuse in a multitude of extruded or injection moulded products.

The StyleLite sheet material recycling process only consumes around 15% of the original energy consumption required to manufacture the initial sheet material.

StyleLite can be cleaned and maintained using warm soapy water, and does not require the use of harsh or volatile chemicals. StyleLite can be refinished in situ many times and will remain functional for many years.

StyleLite is wholly manufactured under the EGR Environmental Management System, which has been independently accredited to ISO 14001.

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