

### Technical Data Sheet

StyleLex edgeband is a premium thermoplastic edging made from high-quality ABS and finished with a protective surface coating for added durability. Ideal for complementing and protecting StyleLex panels, the edgebanding meet the relevant sections of AS/NZS 4386 and include a limited 1-year warranty.

| StyleLex Edgeband |                                                        |
|-------------------|--------------------------------------------------------|
| Face Surface      | Matching textured solid colours and woodgrain patterns |
| Back Surface      | Backside coated with a primer*                         |
| Core Material     | ABS finished with a protective surface coating         |

| Property                         | Specification                                                 | Test Method                       |
|----------------------------------|---------------------------------------------------------------|-----------------------------------|
| <b>Physical &amp; Dimensions</b> |                                                               |                                   |
| Edge Width                       | 23mm; ± 0.5mm                                                 | Calliper                          |
| Edge Thickness                   | 1mm; ± 5.0%                                                   | Calliper                          |
| Edge Length                      | 100m; ± 5.0%                                                  | Tape Measure                      |
| Density                          | 1.08g/cm <sup>3</sup> ; ± 5.0%                                | ISO 1183                          |
| <b>Mechanical</b>                |                                                               |                                   |
| Flexural modulus                 | 2300 MPa                                                      | ASTM D-790                        |
| Flexural strength                | 68 MPa                                                        | ASTM D-790                        |
| Tensile Strength                 | 45MPa                                                         | ASTM D-638 (50mm/min)             |
| Strain at break                  | 40%                                                           | ASTM D-638 (50mm/min)             |
| <b>Surface</b>                   |                                                               |                                   |
| Colour Tolerance                 | Solid Colours, dE ≤ 2.5<br>Woodgrains, visual match to master | ASTM D 2244<br>Visual assessment  |
| Gloss Level                      | ≤ 10 GU                                                       | ASTM D 523 (60 °)                 |
| Water Absorption                 | 0.3%                                                          | ASTM D-570(24h-23°C)              |
| Vicat Softening Point            | 109°C                                                         | ISO 306/A120(10N-120°C/h)         |
| Pencil Hardness                  | H                                                             | ASTM D3363                        |
| Shore Hardness D                 | 74 ± 4                                                        | DIN ISO 7619-1                    |
| Ball Indentation Hardness        | 100 - 120 N/m <sup>2</sup>                                    | ISO 2039-1                        |
| Abrasion                         | 30                                                            | ASTM D 4060-10(1000xmg/n° rounds) |
| Chemical Resistance              | Class 1B                                                      | EN12720                           |
| Wet heat resistance              | ≥ Rating 4                                                    | EN12721                           |
| Dry heat resistance              | ≥ Rating 5                                                    | EN12722(100°C)                    |
| UV Resistance                    | ≥ Rating 4                                                    | ASTM G 154-12 (200hrs)            |
| Light Resistance                 | ≥ Rating 5                                                    | UNI EN ISO 105-B2:2013 (50hrs)    |
| <b>Fire Performance</b>          |                                                               |                                   |
| Flammability                     | HB                                                            | -                                 |

\* StyleLex edgeband is compatible with EVA and PUR adhesives