

SEKISUI FOAM AUSTRALIA

1 – 5 Parraweena Road, Taren Point
NSW 2229 AUSTRALIA
T: +61 2 9525 9880 E: info@sekisuifoam.com.au

TECHNICAL INFORMATION

TECHNICAL DATA SHEET

Softlon® Playsafe™ Series

Description:

Softlon® Playsafe™ Series is a playground underlay made using closed cell, crosslinked polyolefin foam. It features an in-built membrane providing excellent resistance to breakdown from repeated impacts. Softlon® Playsafe™ is free of heavy metals, plasticisers and CFCs.

| Property | Test Method | Units | Typical Value | | | | |
|--|-------------|--------------------|----------------|-----|-----|-----|------|
| Grade | | | 3000 | | | | |
| Thickness | Internal | mm | 25 | 30 | 35 | 40 | 45 |
| Density | Internal | kg/m ³ | 33 (foam only) | | | | |
| Critical Fall Height Sand filled 19mm synthetic turf | AS 4422 | m | 1.0 | 1.2 | 1.7 | 2.0 | 2.1 |
| Critical Fall Height Sand filled 30mm synthetic turf | AS 4422 | m | 1.0 | 1.3 | 1.7 | 2.2 | 2.3 |
| Compression Strength | Internal | | | | | | |
| 25% deflection | | kPa | | | | | 34 |
| 50% deflection | | kPa | | | | | 98 |
| Dimensional Change Heat | 70°C, 22h | | | | | | |
| Longitudinal | | -% | | | | | 1.45 |
| Crosswise | | -% | | | | | 0.75 |
| Water Absorption | JIS K6767 | mg/cm ² | | | | | 0.07 |



This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

Recommendations as to methods of post fabrication, application and use of Sekisui Foam International products are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of Sekisui Foam International products and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which Sekisui Foam International products are utilised or for any application.

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