



MULFORD
PLASTICS
delivering solutions

PVC FOAM HARDSKIN

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Signex® is similar to a PVC Foam product but with far superior quality for more demanding applications. The manufacturing process results in a “skinning” or outer layer of the foam board creating a harder, smoother and more scratch resistant surface along with increased mechanical performance. Signex® is a very strong, durable and light weight product that will not rot or delaminate like other products making it perfect for the signage and building industries. Signex® is very chemical resistance and can be handled and worked with like many other building products such as timber. It can be routed, glued, filled, sanded and painted with standard woodworking tools whilst providing an improved surface finish.

Key Features

- Hard smooth glossy finish
- Light weight
- Excellent impact and structural strength
- Strong and durable
- Excellent weatherability
- Excellent chemical resistance
- Self extinguishing
- Sound proof
- Superior insulation
- Abrasion resistance
- Will not rot or delaminate
- Recyclable

Product Applications

- Signage
- Exhibitions
- Cabinets, doors and tables
- Shop fittings
- False ceilings and wall partitions
- Ice boxes
- Marine Applications

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TECHNICAL DATA SHEET

| PROPERTY | TEST METHOD | UNIT | STANDARD | VALUE |
|---|---|---|--|------------------------------------|
| PHYSICAL Specific Gravity Shore D Hardness Water Absorption | GB/T 6343 or ASTM D 792 GB/T 2411 or ASTM D 2240 GB/T 1034 | g/cm ³ D % | ≤ 0.8 ≥ 55 ≤ 1.0 | 0.55 65 0.95 |
| MECHANICAL Tensile Strength Breaking Elongation Impact Strength Flexural Strength Flexural Modulus Strength of Holding Screw | GB/T 1040 GB/T 1040 GB/T 1043 GB/T 9341 GB/T 9341 GB/T 11718.9 | MPa % KJ/m ² MPa Mpa N | ≥ 10 ≥ 10 ≥ 12 ≥ 20 ≥ 600 ≥ 800 | 12 10 17 20 813 980 |
| THERMAL Vicar Softening Point Variance Ratio of Heating Size | GB/T 1633 GB/T 8811 | °C % | ≥ 70 ± 2.0 | 74 L:-1.3 W:-1.3 |
| STANDARD TOLERANCES Thickness | | | | |
| Gauge Less than 3mm Over 3mm | Tolerance ± 10% ± 6% | Actual Value Within ± 0.2mm Within ± 0.3mm | | |
| Dimensions Width Length | Tolerance 0-5mm (or 0~3/16") 0-10mm (or 0 ~3/8") | Actual Value Within + 4mm Within + 5mm | | |
| Squareness | Tolerance 0-10mm (or 0~3/8") | Actual Value Within + 5mm | | |

This specification provides typical data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. Mulford International nor any of their suppliers assume any liability for use of information presented.

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