

Nicros-FoamIce™

SYSTEM DESCRIPTION

Nicros-FoamIce™ is a light-weight high density 2'x9' foam panel ice climbing system that comes with mounting hardware and installation manual.

PRODUCT

Panel:

24" x 108" with a +/-1/4" tolerance
30-35 lbs.
Maximum 2.125" projection from back panel
Ice-like look (White)
Dry "feel"
Uniform texture
Non-warping
Defect free, internally and externally
UV resistant
Edges thickness +/-1/4" tolerance

Performance:

Density ASTM D3575, Suffix W,
Method B; ISO 845 pcf (kg/m³) 9.5 (152.2)

Compression Set ASTM D3575, Suffix B
(50% compr.) Vertical < 15%

Compressive Creep
(1000 hrs @ 73°F [23°C])
ASTM D3575, Suffix BB Vertical < 10% @ 20.0 psi (138 kPa)

Compressive Deflection
@ 10% 84 (579)
@ 25% 88 (607)
@ 50% 132 (910)
ASTM D3575, Suffix D Average psi (kPa) 132 (910)

Tensile Strength @ peak ASTM D3575, Suffix T;
ISO 1798 Average psi (kPa) 160 (1100)

Tensile Elongation ASTM D3575, Suffix T;
ISO 1798 Average 30%

Tear Strength ASTM D3575, Suffix G Average lb/in (N/mm) 54 (9.5)

FASTENERS

- (6) Hilti 14 X 4 Torx IHWH concrete screws with washers attach each panel to CMU walls.
- (6) 3/8 X 4 zinc plated lag screws with washers attach each panel to wood walls.
- (6) 3/8 X 4 zinc plated cap screws with washers attach each panel to t-nut placements on existing climbing wall structures.

WARRANTY

A one year warranty is provided to the original purchaser ensuring the product is free from defects in material and workmanship.