



ALPHA

engineered composites

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ALPHA - TEMP (SCRIM BASE)

STYLE VRP-3

DESCRIPTION

Alpha Style VRP-3 is a triple ply laminate of a white vinyl face with a metallized polyester film backing, and a fiberglass scrim tear stopper. The components are adhered together using a high performance flame retardant adhesive. Construction: 4 x 3 Fiberglass scrim 75G, White PVC film : 0.003", Metallized Polyester Film : 0.0005"

APPLICATIONS

This product is designed to be used as a metal building facing or ceiling board facing.

PROPERTY DATA

STYLE VRP-3

| <u>CHARACTERISTIC</u> | <u>METHOD</u> | <u>VALUES*</u> | |
|-----------------------|---------------|---|----------------------------------|
| | | <u>ENGLISH</u> | <u>METRIC</u> |
| WEIGHT | ASTM-D-3776 | 30 lbs./1000 SF \pm 10% | 146.9 g/m ² \pm 10% |
| THICKNESS | ASTM-D-1777 | .008" \pm .001" | 0.203 mm \pm .025 mm |
| TENSILE STRENGTH | ASTM-D-5035 | Warp- 40 lbs/inch | 7.14 kg/cm |
| | | Fill- 30 lbs/inch | 5.36 kg/cm |
| TEAR STRENGTH | ASTM-D-1424 | Warp- 56.44 oz. | 1600 gms. |
| | | Fill- 56.44 oz. | 1600 gms. |
| BURST STRENGTH | ASTM-D-3786 | 85 psi | 5.95 kg/cm ² |
| BEACH PUNCTURE | ASTM-C-1136 | 150 units (39.75 inch-lbs) | 4.5 Joules |
| CORROSION RESISTANCE | ASTM C-1258 | 106 °F @100% RH 28 days No Corrosion | 41 °C |
| PERMEABILITY: (MVTR) | ASTM-E-96 | 0.02 Perms | 0.013 metric Perms |
| WATER RESISTANCE | | 1 hr soak, 23 °C | |
| | | No Delamination | |

DIMENSIONAL STABILITY: Method ASTM D-1204 - 5 % maximum loss

COLD CRACK: Method ASTM D-1790, -12 °C, Result - No Crack

UL FIRE HAZARD CLASSIFICATION: ASTM E-84, Flame Spread - 15, Smoke Developed - 50

LIGHT REFLECTIVITY: Method ASTM C-523, Result - 90%

DATA SHEET: 13337 REV: E DATE: 12/10/14 *All values are nominal unless otherwise specified.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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