CORRUGATED POLYCARBONATE SKYLIGHT & SIDELIGHT PANELS FOR METAL BUILDINGS
• Lightweight, durable and virtually unbreakable.
• Available in clear, opal and athermic (heat reflective) finishes.
• In stock for fast shipping, custom cut to size, no minimums.

LIGHTWEIGHT – At just 1/8 the weight of glass, Rooflite MB® sheet does not require the extensive structural support that a heavier glass wall or skylight needs. Lightweight sheet is easy to handle and install.

VIRTUALLY UNBREAKABLE – Able to withstand extreme abuse, the strong Rooflite MB® corrugated sheet has an impact resistance 20 times stronger than fiberglass and over 120 times stronger than glass. Resisting hail, wind-borne objects and vandalism, Rooflite MB® can withstand over 235 lbs./in. of impact within a temperature range of -40°F to 240°F as measured by ASTM D 3029.

EASY TO INSTALL – Rooflite MB® corrugated sheet has been specifically designed for simple and rapid installation. It easily adapts to any wall or roof with a bending radius of over 13’.

LOW FLAMMABILITY – Rooflite MB® corrugated sheet meets the requirements of approved light transmitting plastic under the Uniform Building Code as recognized by ICBO, BOCA and SBCC.

LIGHT TRANSMISSION – Clear Rooflite MB® corrugated sheet transmits visible light - up to 91% (as measured by ASTM standards and demonstrated in the chart below, bottom right).

REDUCED U.V. TRANSMISSION – Rooflite MB® is able to reduce the opaque to ultraviolet light at wavelengths below 385 nanometers. This U.V. protection will help to prevent fading and discoloration of interior decor and/or products.

Rooflite MB® corrugated sheet is manufactured using state of the art co-extrusion technology combining color, U.V. resistance and durability. Remaining clear for many years, Rooflite MB® is backed by a ten year, non-prorated warranty against yellowing.

TEMPERATURE PERFORMANCE – Rooflite MB® is designed for normal use in temperatures from -40°F to 240°F making it appropriate for use in all climates.

WARRANTY – Optical transparency (light transmission) deterioration shall not exceed 6% in 10 years per ASTM 1925-77. Yellowness index shall change no greater than 10 delta from originally measured quality in 10 years per ASTM D 1003-77. Rooflite MB® shall not break as a result of hail in accord with EUPA 36876. Hail at 20mm (3/4”) with an impact of 21m. per sec. in 3 years from date of purchase.

UNIFORM LOAD

NOTE: The charts shown below are provided as a guideline only. Information was from tests using Rooflite MB polycarbonate panels as roofing and siding. For specific recommendations, consult CO-EX Corporation.

THREE-PANEL & SINGLE PANEL

<table>
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<th>Load (PSF)</th>
<th>0.0</th>
<th>0.5</th>
<th>1.0</th>
<th>1.5</th>
<th>2.0</th>
<th>2.5</th>
<th>3.0</th>
<th>3.5</th>
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<tbody>
<tr>
<td>Deflection</td>
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<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
</tr>
</tbody>
</table>

LIGHT TRANSMISSION SPECTRUM OF THE CLEAR SHEET

CO-EX Corporation 5 Alexander Dr., Wallingford, CT 06492
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