

POWER SHIELD Sheeting & Fasteners



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28 Gauge Metal Sheeting



Unit Weight	Light Transmittal	Wind Transmittal	E-BEAM Spacing
0.85 lb/ft ² (13 kg/m ²)	None	None	Up to 4' o.c. (1200 mm)
28 gauge steel sheeting panel, various suppliers, metal has a major rib at 9" centers and is 39" (975 mm) wide as a standard, when installed there is a 3" (75 mm) overlap for an overall width of 36" (900 mm).			

Polycarbonate Sheeting



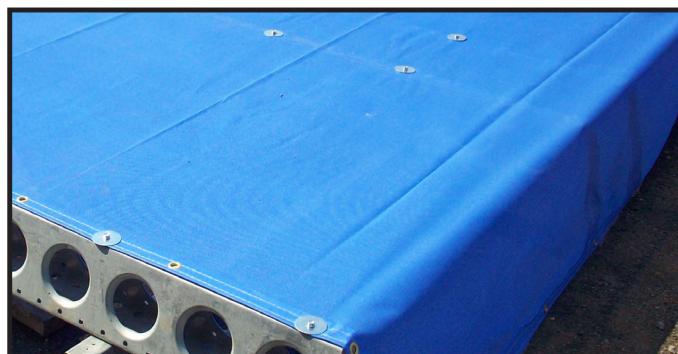
Unit Weight	Light Transmittal	Wind Transmittal	E-BEAM Spacing
0.25 lb/ft ² (4 kg/m ²)	90% - 45%	None	Up to 4' o.c. (1200 mm)
Polycarbonate sheeting can be ordered as a full clear (90% light transmittal) panel up to a white opal (45% light transmittal), the panels match the profiles from the Metal Sheeting, this makes the polycarbonate panels interchangeable with the metal sheeting. The panels also provide 100% UV protection and up to 20 times greater impact resistance over fiber glass panels.			

1/2" - 3/4" Plywood (12-20 mm)



Unit Weight	Light Transmittal	Wind Transmittal	E-BEAM Spacing
2.2 lb/ft ² (35 kg/m ²)	None	None	2' or 4' (600 or 1200 mm)
Plywood panels, typically Class I, can be various thicknesses based on wind pressure and E-BEAM spacing requirements. Typically we see 5/8" plywood. Plywood is recommended to be fastened using self tapping screws due to the possibility of internal wind pressure. Plywood provides an easy medium to customize signage on the face of the POWER SHIELD system.			

Fall Protection Mesh



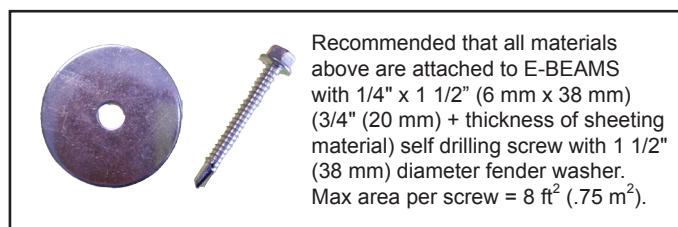
Unit Weight	Light Transmittal	Wind Transmittal	E-BEAM Spacing
0.06 lb/ft ² (1 kg/m ²)	30%	30%	Up to 4' o.c. (1200 mm)
Permeable mesh that allows partial light and wind transmittal. Ideal for warmer climates where some wind is beneficial but still looking for privacy and protection from large wind events and falling debris. Mesh sizes vary to allow right combination of light, wind and protection.			

Rubber Closure Gasket



Unit Weight	Light Transmittal	Wind Transmittal	E-BEAM Spacing
0.25 lb/ft ² (4 kg/m ²)	None	None	NA
Used between gangs to provide a full enclosure of the system. This additional coverage protects against wind between gangs. Use is recommended during winter construction months and in cold weather climates.			

Attachment



Relative Cost vs. 3/4" Plywood

Metal Sheeting	10% more than plywood
Polycarbonate Sheeting	30% more than plywood
Fall Protection Mesh	20% more than plywood