

1.0mm Commercial Grade Corrugated Polycarbonate Translucent Panels



Polycarbonate panels allow architects and building owners to take advantage of one of Mother Nature's best free resources, daylight. Polycarbonate panels are strong and durable, with up to 200 times the strength of traditional glass. DMI offers Polycarbonate Translucent Panels designed to complement popular corrugated roofing panel profiles. Our panels are co-extruded with UV protection and offer a 10 year warranty against loss of light transmission due to yellowing plus a 10 year warranty against breakage due to hail.

Applications include:

Metal building sidelights and skylights in new building construction.
Replacement panels for deteriorated fiberglass panels in metal buildings.
Canopies and patio coverings in pool areas and screen cage applications.
Commercial Greenhouses, Home Greenhouses, Office Partitions, Vertical Glazing, Industrial Roofing, Pool Enclosures, Patio Covering, Window Replacement, Metal Buildings, Skylights, Domes, Shelters, Canopies, Sheds, Carports, Sunrooms, Sidelites.

Thicker is better:

1.0mm Commercial grade panels are up to 25% thicker than competing 0.8mm polycarbonate sheets. This extra thickness translates directly into extra strength allowing this panel to span up to 5' on center purlin spacing. Competing 0.8mm thick panels may require 2' or 3' on center purlin spacing.

Tested and approved:

MR12 1.0mm Commercial grade have been tested and approved for use as roofing and side wall panels in Florida and have a TDI approval.

Panel	Purlin Spacing	FBC / TDI Approval #	Test/wind load pressures from FBC Testing
1.0mm MR12	5' Centers	FL 11238.1 TDI RWA04	-27.5 psf / +35 psf

UV protected:

What is special about the product Direct Metals, Inc. offers?

They are Made in the U.S.A. and have co-extruded UV protection that provides protection throughout the panel. This process is different than some competitors products that use only a spray on top coating that can be diminished by weathering.

10/10 Warranty:

10 Year light transmission and 10 year hail limited commercial warranty is available to the original purchaser. The warranty warrants that the product shall not lose more than 10% of its light transmitting capacity for a period of 10 years. The hail breakage warranty warrants the product shall not break due to excessive loss of impact strength as a direct and exclusive result of impact of hail. Warranty must be registered at warranty@directmetalsinc.com

Flexibility:

DMI distributors have the flexibility to offer many choices in daylighting options including; profiled and flat (non-profiled) translucent polycarbonate and PVC panels. Custom panel profile matching technology is available to your customers where DMI can create a custom translucent panel using a qualifying CAD drawing (minimum orders apply).

Accessories:

Fasteners, sealants, closures and ridge caps are available to complement many applications. These specific fasteners & accessories have been tested for compatibility and are required to keep panel warranty intact.



