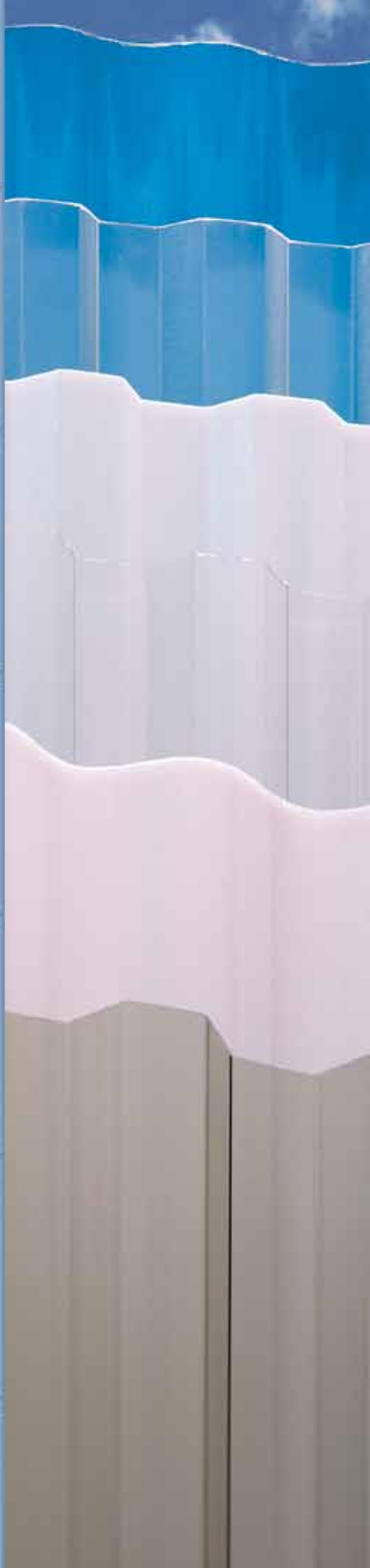


MONO-CLEAR



CO-EX
CORPORATION

**MONO-CLEAR
CORRUGATED
SHEET PRODUCTS**



Mono-Clear® is a family of corrugated roofing panels made out of polycarbonate or PET based materials. **Mono-Clear X** is a PET based material while **Mono-Clear HT** is a patented technology using a co-extrusion of PET and Polycarbonate.

THE PERFECT CHOICE

Mono-Clear is ideal for use as a roofing material in skylights and solariums but works equally well in greenhouses, warehouses, public buildings, sports buildings, pavilions, gazebos and pergolas.

You can be assured that from transport to installation, Mono-Clear corrugated sheet will maintain its durability. Even when exposed to elevated temperatures over a long period of time, it will maintain its structural integrity.

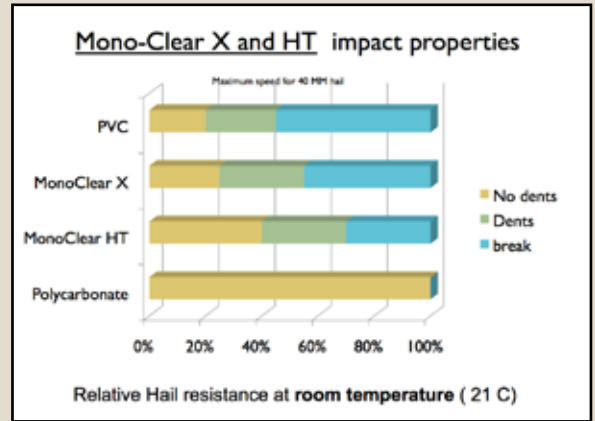
It won't crack or split when cut or drilled and can be easily fabricated using standard wood or plastic tools. It's ideal for quick, professional installation and works equally well for any do-it-yourself building project.

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MONO-CLEAR FEATURES & BENEFITS

- **UV Protection**
For excellent outdoor weathering characteristics.
- **High Chemical Resistance**
Making it suitable for harsh environments.
- **Excellent Light Transmission**
For the best natural lighting characteristics.
- **Fire Resistance**
Meets most regulations

- **Good Mechanical Properties**
Easily adapts to most standard applications and is easy to fabricate.
- **Good Impact Properties**
Mono-Clear X, PET with improved hail resistance over PVC and **Mono-Clear HT, PET-PC** with improved hail resistance over Mono-Clear X.



- **Light Transmission**
for clear X and HT = 90% ±5%
- **Working Temperature**
With no load: X is 150°F, and HT is 185°F

CO-EX Corporation also manufactures a full line of Rooflite® Polycarbonate Corrugated sheet and Macrolux® Twin, Triple and Multiwall Polycarbonate Structured sheet.

MONO-CLEAR X & HT PROPERTY COMPARISON

PROPERTIES	UNITS	STANDARD	PC	PET	PET/PC	PVC
Density	g/cm³	ISO 1183	1.2	1.33	1.3	1.4
Rockwell Hardness	Scala R	ASTM-D785	120	118	118	115
IZOD Notched Impact	J/m	ISO 180	>700	35	50	N/A
Tensile Yield	Mpa	ISO 527	>55	>55	>55	39
Tensile Strength	Mpa	ISO 527	65	>55	60	45
Tensile Stretch at Break	%	ISO 527	0.5	>25	0.5	50
Elastic Modulus	Mpa	ISO 178	2500	2500	2500	2500
Vicat Softening	°C	ISO 306	147	75	73	92
H.D.T. 1.81 Mpa	°C	ISO 75	135	63	82	67
H.D.T. 0.45 Mpa	°C	ISO 75	140	70	90	70
Coefficient of Thermal Expansion	mm/m°C	DIN 53752	0.065	0.05	0.058	0.063

CALL TODAY FOR MORE INFORMATION

CO-EX Corporation

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