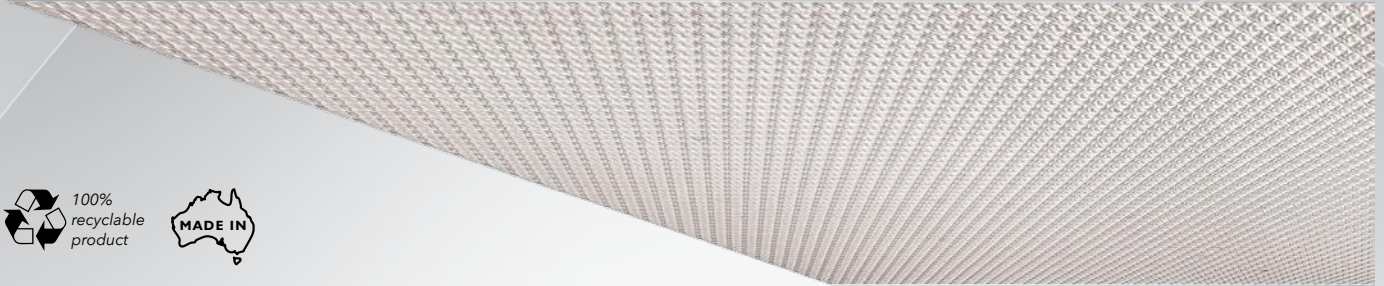




YORK PLASTIC PRODUCTS

Y12-100
100% High Impact Acrylic



Manufactured from 100% high impact acrylic resin.

Benefits

Resistant to yellowing
Better optical retention over polycarbonate
Less costly than polycarbonate
Thermoformable

Sizes

Standard sheet size: 2540 x 1350mm
Thickness: 4mm (3mm available upon request with minimum manufacturing quantity.)
Cut to size service available.



Uses

- Schools
- Indoor sports facilities
- Correctional institutions
- Gymnasiums
- Factories
- Hospitals
- ...anywhere where breakage is probable.

Product Data

Prism size	5mm x 5mm
Prism configuration	Female at a 45° axis
Prism depth	1.8mm
Max width	1350mm
Max length	2540mm
Resistance to U.V. (acrylic)	Excellent

Used under normal interior conditions, Y12-100 will perform satisfactorily for 20 years.

CEI/IEC Impact Evaluation

IK08	PASS
IK09	PASS
IK10	PASS

CEI/IEC 62262: Degrees of protection provided by enclosures for electrical equipment against external impacts.

CEI/IEC 60068-2-75: Environmental testing - Part 2: Tests - Test Eh: Hammer tests.

Comparative Data:

	Relative impact strength	Optical clarity	Light transmission	Weather ability	Chemical resistance
Y12-100	10x	Good	90%	Good	Good
Y12-00	x	Excellent	92%	Excellent	Excellent

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