

Jacob & Associates

313 Canterbury Road address Canterbury NSW 2193 Australia

> 61 2 9718 2222 phone 61 2 9718 0001 fax

1st May 2007.

GE Plastics Speciality Film & Sheet, Level 5, 450 Victoria Road, Gladesville, NSW 2111.

Attention: Mr. Jason A Howard,

Subject: Design Pressures for various GE product - Roof panels.

Dear Sir,

Further to the series of tests that we carried out on behalf of GE, I would like to recommend the following maximum design wind pressures for its use. The design wind pressure applicable on any building can be determined by using either AS 1170 Part 2, 2002 or AS 4055, 1992.

Product	Panel Length	AS 1170	AS 4055
	– mm	Pressure - kPa	(N rating)
Lexan	700	2.5	4
Thermoclear	1400	2.2	4
10 2RS	2100	2.0	3
- 700 wide			
Lexan	1050	2.0	3
Thermoclear	2000	1.8	3
10 2RS	≥ 3000	1.5	3
1050 wide			
Lexan	1050	2.8	4
Thermoclear	2000	2.8	4
16 3TS	≥ 3000	2.8	4
- 1050 wide			
Lexan	1050	2.8	4
Thermoclear	2000	2.5	4
16 3X	≥ 3000	2.5	4 .
- 1050 wide			

Special Notes:

- All panels must be supported along all four edges
- The N ratings are for buildings less than 8.5 m in height
- The maximum pressures are ultimate limit state design pressure/suction
- Minimum edge cover required must be as per manufacturer's recommendations.

Yours Sincerely,

Dr. Leon Jacob. Ph.D., F.I.E.(Aust).