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**PLASTIC INFORMATION AND  
EXPERT WITNESS ANALYSIS**

ABN: 88 290 940 060

**LABORATORY REPORT**

**MATERIALS ANALYSIS**

**To:** H.D. Building Products

**From:** J. Heggen, R. Nolan

**Report Date:** 11th. October, 2001

**Method Reference:** Methods of testing sheet roof and wall cladding. Method 4: Resistance to impact (sandbag) for sheet roof materials as per AS 4040.4:1996.

**Sample Description:** 3 Panels of Sunlite Multiwall polycarbonate sheets 1000mm x 500mm x 8mm affixed to four purlins evenly spaced.  
3 Panels of Sunlite Multiwall polycarbonate sheets 1000mm x 500mm x 10mm affixed to four purlins evenly spaced.  
Both samples supported on timber battens.

**Results:** Both samples were tested in accordance with the standard in all respects.

**Both test panels showed the same behavior:**

- \* There was no penetration of the sheeting material.
- \* There was no hoisting, fracturing or splintering of the sheeting material.
- \* The sheeting showed only superficial damage which was restricted to localised creasing of the outer skin at the edges of the impact zone and mild deformation of the internal webs.

*Ray Nelson*

Analyst

*[Signature]*

Test Signatory

11/10/2001

Date