

Twinwall Polycarbonate - Product Technical Statement

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| Issuing authority | PSP Limited |
| PTS version and date | PTS Version 01/2015 |
| Name of manufacturer and building product/system | Manufacturer: Palram Supplier : PSP Limited Product: Twinwall Polycarbonate |
| Product description | Twinwall is a high quality, double walled polycarbonate glazing sheet. Ideal for conventional roofing & vertical applications. It is lightweight, good impact strength, excellent light transmission, easy installation, long-term weather resistance along with outstanding thermal insulation properties. |
| Scope of use | Twinwall roofing is designed as a roof and wall covering for attached & self supporting structures, that are Risk Group SH as defined by NZBC Acceptable solutions C/AS1 and other attached or detached roof structures not subject to fire Group Number requirements. Twinwall meets the NZBC Glazing Thermal Performance requirements. |
| Conditions and limitations | The product must be installed in accordance with the manufacturer's latest technical and installation information and must comply with all relevant clauses of the NZBC, regulations and standards. Twinwall must be installed to good trade practice. |
| Warranties | <ul style="list-style-type: none"> • 10 Years Loss of Light Transmission • 10 Years Loss of Impact Strength due to Weathering |
| Compliance with the New Zealand Building Code | <ul style="list-style-type: none"> • NZS 4218:2004 Thermal • NZBC Clause F2 Hazardous Building Materials Compliant |
| Design and installation instructions | Please refer to Twinwall Polycarbonate Technical Information for full details of installation. (http://www.psp.co.nz/translucent-roofing/roofing-systems/twinwall-polycarbonate) Twinwall is suitable for roofing & cladding as well as renovation projects. |
| Maintenance requirements | <p>Cleaning:</p> <ul style="list-style-type: none"> • General Cleaning PSP Plastic Cleaner or warm soapy water and soft cloth • Do not wipe sheets when dry • The use of abrasive cleaners, inappropriate cleaning materials and solvents will void any warranty claims • Clean Twinwall at least twice a year or when excess dirt and residue builds up |
| Quality assurance | Palram ISO9001 |
| Product support | PSP Limited – 0800 786 883 or info@psp.co.nz |