

## Ecoply® Barrier Frame Sealing Tape & APL Centrafix™ Installation System



### A Word About Ecoply Barrier

The Ecoply Barrier System, including specially designed sealing tapes and polyester powder coated Ecoply Barrier Panels, have been tested in accordance with AS/NZS 4284, Testing of Building Facades, with a drained and ventilated E2 compliant cladding for compliance with E2/VM1, External Moisture Verification Method 1. Further, as part of their development, the Ecoply Barrier Sill Tape, Frame Sealing Tape and Sealing Tapes have been tested for UV exposure, durability and adhesion and importantly are diffusion open for vapour permeability to allow the wall to dry out, if required. All these tests form part of the Ecoply Barrier system being BRANZ appraised for Structural Bracing and as Weathertight Rigid Air Barrier.

### APL Metro Series ThermalHEART with Centrafix & Ecoply Barrier Frame Sealing Tape

The **APL Metro Series ThermalHEART® with Centrafix™** installation system (APL Centrafix System) requires the window or door units to be face taped at the head and jambs to seal the window joinery to the flexible wall underlay or rigid air barrier. The APL Centrafix system specifies the tape shall be Pro Clima® TESCON EXTORA® Weathertight sealing tape, 60mm wide, or a BRANZ Appraised flashing tape with a minimum width of 50mm suitable for bonding to polyester powder coated or anodised aluminium and the selected rigid or flexible wall underlay.

The Ecoply Barrier frame sealing tape is manufactured by Pro Clima and forms part of the BRANZ Appraisal No. 827 (2019). Further, the Ecoply Barrier frame sealing tape, has been tested to the same testing regime as the TESCON EXTORA, BRANZ Appraisal 838 (2013), and meets the requirements of the New Zealand Building Code for durability and performance. Compatibility with construction materials are part of the testing and certification process. As such, the APL Centrafix System can be installed with the Ecoply Barrier rigid air barrier system using Ecoply Barrier Frame Sealing Tape fixed to the window and door units and back to the Ecoply Barrier panels.

### Conclusion

Ecoply Frame sealing tape can be applied as part of the APL Metro Series ThermalHEART with Centrafix System Guide, as an acceptable substitution for the TESCON EXTORA, when installed in combination with the Ecoply Barrier Specification and Installation Guide and APL Metro Series ThermalHEART with Centrafix System Guide.

## References

- ECOPLY BARRIER SPECIFICATION & INSTALLATION GUIDE
- Verification Method E2/VMI for New Zealand Building Code Clause E2
- AS/NZS 4284:2008 "Testing of Building Facades,"
- AS/NZS 2269:0:2012 "Plywood Structural"
- Article "Trouble with Substitutes" by John Gardiner appeared in Build 155: Achieving quality, 1 August 2016.
- BRANZ Appraisal 827 (2019) Ecoply Barrier Rigid Air Barrier
- BRANZ Appraisal 838 (2013) TESON EXTORA Sealing Tape
- Pro clima Product Statement – Compatibility of Ecoply Barrier Tape, 7 December 2023.
- APL Metro Serries ThermalHEART with Centrafix System Guide

## Limitations

Information contained in this document is specific to the Carter Holt Harvey Plywood range of plywood products and cannot be used with any other plywood products no matter how similar they may appear.

## Legal Disclaimer

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