

PRODUCT TECHNICAL STATEMENT



Marshall Weatherization System

BRANZ Appraisal #621 (2020)

Issuing Authority	Marshall Innovations Ltd.
PTS Version & Date	PTS Version 01/2015
Name of manufacturer and building product / system	Manufacturer's: FTS: HYDRA Roof & Wall Underlays PGI: Tekton Building Wrap ProtectoWrap: SUPER-STICK Building Tape / One Piece Sill Tape Eisedicht: TradeSeals
Product Description	The Marshall Weatherization System consists of HYDRA Roof & HYDRA Wall Underlays, Tekton® Building Wrap, SUPER-STICK Building Tape or One Piece Sill Tape, Tekton Seam Tape & TradeSeals. The system is used behind wall cladding systems and around framed joinery openings as a secondary weather resistant barrier.
Scope	The Marshall Weatherization System has been appraised for use on buildings within the following scope: <ul style="list-style-type: none">• constructed with timber framing in accordance with the scope limitations of NZBC Acceptable Solution E2/AS1 or,• constructed with steel framing subject to specific engineering design, with the building height and floor plan area in accordance with scope limitations of NZBC Acceptable Solution E2/AS1; and,• with absorbent wall claddings directly fixed to frame complying with NZBC Acceptable Solution E2/AS1 or covered by a valid BRANZ Appraisal that specifies a flexible wall underlay and a flexible flashing system; or,• with absorbent and non-absorbent wall claddings installed over an 18 mm minimum drained cavity complying with NZBC Acceptable Solution E2/AS1 or covered by a valid BRANZ Appraisal that specifies a flexible wall underlay or a rigid wall underlay with flexible underlay over and flexible flashing system; or,• with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber framed buildings or specific design for steel framed buildings; and,• situated in NZS 3604 Wind Zones up to and including Very High where the flexible wall underlay is directly fixed to the frame, and up to and including Extra High where the underlay is used over rigid wall underlays.
Conditions & Limitations	The system must be installed in accordance with the specifications and latest technical information and must comply with all relevant clauses of the NZBC regulations and standards Tekton cannot be used with direct fix non-absorbent claddings. Tekton can only be exposed to UV for 60 days.
Warranties	All products used in the Marshall Weatherization System are warranted to be free of defect in manufacture for a period of fifteen years. This warranty is limited to replacement of the products only. Marshall Innovations (the distributor) is not



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	liable for incorrect installation or any accidental or wilful damage.
Design & Installation Instructions	Please refer to Marshall Weatherization Technical Specification for full details of installation.
Design & Installation Instructions cont..	http://www.mwnz.com/pdf_downloads/2_Tekton%20Weatherization%20System%20Spec_Oct2014.pdf Marshall Weatherization System must be installed by or under the guidance of an Licensed Building Practitioners
Compliance with the New Zealand Building Code	Clause B2 DURABILITY: Performance B2.3.1 (a) not less than 50 years, B2.3.1 (b) 15 years and B2.3.2. The Tekton® Weatherization System meets this requirement. Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. The Tekton® Weatherization System contributes to exterior walls meeting this requirement. Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. The Marshall Weatherization System meets this requirement and will not present a health hazard to people. This is an Appraisal of an Alternative Solution in terms of New Zealand Building Code compliance.
Quality assurance	ProtectoWrap Meets IAPMO Standards PGI ISO9001 Eisedicht FT Synthetics
Product support	Marshall Innovations - 0800 776 9727 www.mwnz.com

