Marshall Weatherization System

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1 Specification Details

Trade Sections: Carpentry
Description: Marshall Weatherization System as part of the wall and roof underlay systems.
Keywords: Carpentry, Marshall Innovations, Marshall Weatherization System, building paper, synthetic wall underlay, synthetic wall wrap, synthetic underlay, synthetic building wrap, non-rigid wall underlay, non rigid wall underlay, flexible wall underlay, flexible wall wrap, wall wraps, building wraps, external wraps, cavity wraps, external wall wraps, framing wraps, underlays, building underlays, cladding underlays, wall underlays, external wall underlays, external underlays, cavity underlays, weathertight building underlays, weather-tight building underlays, weather tight building wraps, weather-tight building wraps, flexible flashing tape, flexible sill flashing, flexible head flashing, underlay jointing tape, underlay seam tape, underlay tape, sealed pipe collar, pipe flashing, penetration flashing, Tekton Building Wrap, Tekton Seam Tape, Trade-Seal Pipe and Services Penetration Seal, Protecto Wrap One Piece Sill Tape, Protecto Wrap Sill System, Protecto Wrap Head Flashing Tape

2 Clauses

2.1 Scope

Help Note:
Marshall Weatherization System is a secondary weather resistant barrier for timber or steel framed exterior walls that have direct fixed (absorbent) or cavity fixed claddings (absorbent/non-absorbent) and masonry veneer cladding. The system incorporates a flexible wall underlay, underlay jointing tape, pipe/conduit flashing seals, and flexible flashing tapes for window and door openings and head flashings.
For further information and technical advice, call Marshall Innovations on 0800 776 9727, email headoffice@mwnz.com, or go to www.mwnz.com.

For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/marshall%20innovations.

2.1.1 Scope

Supply and install the Marshall Weatherization System from Marshall Innovations to the locations shown on the drawings as a multi-component flexible wall, roof underlay and weathertightness system, complete with all accessories. All aspects of this work shall be in accordance with Marshall Weatherization technical literature (check www.mwnz.com, or call 0800 776 9727) for the latest edition and other relevant product manufacturers' recommendations, and as shown on the drawings. No substitutions are permitted for Marshall Weatherization System components and accessories.

2.2 Flexible Wall Underlays

Help Note:

For further information and technical advice, call Marshall Innovations on 0800 776 9727, email headoffice@mwnz.com, or go to www.mwnz.com.

2.2.1 HYDRA Wall Underlay

HYDRA Wall Underlay. A premium Synthetic, Fire Retardant, Absorbent, Breathable Wall Underlay. Suitable for use behind absorbent and non-absorbent wall claddings either direct fixed or with an 18mm drained cavity.

In Low, Medium, High, and Very High NZS 3604 Wind Zone situations:

- HYDRA Wall Underlay shall be installed over timber or steel wall framing as a wall underlay, in accordance with the manufacturer's requirements, BRANZ Appraisal No.1072 and as shown on the drawings, with absorbent direct-fixed wall claddings, or with absorbent and non-absorbent wall claddings over a 20mm drained cavity, and with masonry veneer in accordance with NZBC E2/AS1 and SNZ HB 4236.

In Extra High NZS 3604 Wind Zone situations:

- HYDRA Wall Underlay shall be installed directly over a rigid air barrier, in accordance with NZBC E2/AS1 9.1.7.2, to the manufacturer's requirements, BRANZ Appraisal No.1072 (2019) and as shown on the drawings, with absorbent and non-absorbent wall claddings over a 20mm drained cavity, and with masonry veneer in accordance with NZBC E2/AS1 and SNZ HB 4236.

Separation or protection must be provided to HYDRA Wall Underlay from heat sources such as fire places, heating appliances, flues and chimneys. Part 7 of NZBC Acceptable Solutions C/AS1 – C/AS2 and NZBC Verification Method C/VM1 provide methods for separation and protection of combustible materials from heat sources.

Do not leave HYDRA Wall Underlay exposed for more than 60 days before covering with the wall cladding.

Do not use HYDRA Wall Underlay behind direct-fixed non-absorbent claddings.

2.2.2 Tekton Building Underlay

Tekton Building Wrap. A light weight, flexible, fire retardant, breathable, synthetic wall underlay, manufactured from spun-bonded polypropylene, 100g/m² nominal weight. Tekton Building Wrap can be fixed to timber and steel framing with studs at maximum 600mm centres and nogs/dwangs at maximum 1200mm centres.

In Low, Medium, High, and Very High NZS 3604 Wind Zone situations:

- Tekton Building Wrap shall be installed over timber or steel wall framing as a wall underlay, in accordance with the manufacturer's requirements, BRANZ Appraisal No.548 (2013) and BRANZ Appraisal No.621 (2014) and as shown on the drawings, with absorbent direct-fixed wall claddings, or with absorbent and non-absorbent wall claddings over a 20mm drained cavity, and with masonry veneer in accordance with NZBC E2/AS1 and SNZ HB 4236.

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