

HYDRA Wall SPECIFICATION

SYSTEM DESCRIPTION

- HYDRA Wall Underlay is an absorbent synthetic building underlay for use behind wall claddings.
- HYDRA Wall Underlay is available as a 1370mm x 37m and 2740mm x 37m rolls
- HYDRA Wall underlay;
- Is a breathable type underlay,
- Can be used in all wind zones including up to and including Very High,
- Can be used in Extra High Wind Zones when used over a Rigid Air Barrier system,
- Is flame retardant with a Flammability Index of ≤ 5 as per AS1530 Part 2,
- Can be exposed to direct UV for up to 60 days,
- Is suitable on timber & steel framing,
- Is not affected by LOSP & other solvent-based timber treatments. However, LOSP or other timber treatments must have sufficient time for the chemicals to flash off in a well-ventilated space. Refer to industry standard,
- Is BRANZ appraised #1072 (2019),
- Forms part of the Marshall Weatherization System BRANZ appraised #621 (2020),
- Can be used with no internal wall linings such as attic spaces,
- Is suitable for use as a non-rigid backing material for stucco plaster,
- May also be used as a slip layer over rigid backing for stucco plaster.

INSTALLATION GUIDE

The branded side of the wrap must face away from the framing. The wrap must run horizontally and extend from the upper side of the top plate to the underside of the bearers or wall plates supporting ground floor joists, or below bottom plates on concrete slabs.

- Horizontal laps must be no less than 75mm with the direction of the lap ensuring that water is shed to the outside.
- End laps must be made over framing and be no less than 150mm wide.
- Fix the wrap into place using minimum 20mm hot dip galvanised large head clouts.
- Position the roll of HYDRA Wall Underlay against the timber frame with a short length of wrap free of the roll.
- Unroll the wrap across the framing and fix to all framing members at a maximum of 300mm centres.
- Keep the wrap straight and taut over the framing.
- The wrap should be run over any openings and these should be left covered until the windows and doors are ready to be installed.

To form the openings cut the wrap at a 45 degree diagonal in from each corner. Fold and staple the wrap to the inside of the framed opening. Excess wrap can be trimmed to finish flush with the internal face of the framing.

- HYDRA Wall Underlay can be added as a second layer over head flashings as per E2/AS1 or the head flashing can be sealed to the wrap using 75mm SUPER-STICK Building Tape.

SUPER-STICK can be used to repair small rips, punctures or tears in the Wall Underlay material. For bigger repairs overlap the area with new Wall Underlay and tape into place. The overlapping material must extend at least 150mm beyond the damaged area.

WARRANTY

HYDRA Wall Underlay is warranted to be free of defect in manufacture for a period of 15 years. This warranty is limited to replacement of the products only. Marshall Innovations (the distributor) is not liable for incorrect installation or any accidental or wilful damage to the product.

STORAGE

Store all materials under cover, in clean dry conditions and away from direct exposure to sunlight. Do not remove the plastic sleeve until ready to use and always replace in the carton for storage.

SUPERVISION

All work is to be carried out either by or under the supervision of a licensed building practitioner (LBP)

Marshall Innovations Ltd will attend site to ensure work is been carried out as specified.