

# HYDRA WALL UNDERLAY

## APPLICATION

HYDRA WALL Underlay is 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.

## GENERAL

- HYDRA WALL can be exposed to UV for up to 60 days.
- Suitable for use on timber and steel framing.
- Is suitable as an air barrier in unlined walls.
- Suitable as a non-rigid backing for stucco plaster
- May be used as a slip over rigid backings for Stucco plaster
- Suitable for use on LOSP treated timber
- Can be used in wind zones up to & including Very High and Extra High when used with Rigid Building Underlays.
- Has a flammability Index of not greater than 5 as per AS 1530 Part 2

## INSTALLATION

- HYDRA WALL Underlay must be fixed to all framing members at maximum 300mm centres with hot dipped galvanised, large head clouts 20mm long, zinc plated 6-8mm staples, self-drilling screws, or proprietary wrap fixings. The membrane must be pulled taut over the framing before fixing.
- HYDRA WALL must run horizontally and must 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 wide, with the direction of the lap ensuring that water is shed to the outer face of the membrane. End laps must be made over framing and be no less than 150mm wide.
- HYDRA WALL underlay should run over openings and these left covered until windows and doors ready to be installed. Openings are formed in the membrane by cutting on a 45° diagonal from each corner of the penetration. The flaps of the cut membrane must be folded inside the opening and stapled to the penetration framing. Excess wall underlay may be cut off flush with the internal face of the wall frame.



## CONSIDERATIONS

- HYDRA WALL is to be installed in accordance with the HYDRA WALL Installation Guidelines, NZBC Acceptable Solutions E2/AS1 paragraphs 8.0-8.4. To be installed under the direct supervision of a Licensed Building Practitioner.
- Care must be taken when installing in windy conditions due to the sail effect.
- HYDRA WALL should be stored flat, under cover and out of direct sunlight in a dry environment.

Roll Dimension

2740mm x 36.5m

100m<sup>2</sup>



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