

DuPont™ Tyvek® Supro/Supro Plus

INSTALLATION INSTRUCTIONS



DuPont™ Tyvek® Supro is a self-supporting, fire retardant synthetic roof underlay, made by laminating a spun-bonded high-density polyethylene (HDPE) to a non-woven polypropylene sheet. This provides a strong weather resistant barrier with excellent water vapour permeability.

DuPont™ Tyvek® Supro Plus has an integrated tape system for ease of in-situ edge sealing.

Suitable for the following applications where roof design, ventilation and climate conditions are considered:

- Residential or commercial roofing under profiled metal cladding, metal tiles, concrete tiles, clay tiles and asphalt shingles over steel or timber framing
- Residential or commercial wall applications either direct fixed or used with a drained/vented cavity with an absorbent and non-absorbent cladding
- Shed and farm buildings under profiled metal roof and wall cladding direct fixed over timber or steel frames

CONSIDERATIONS

DuPont™ Tyvek® Supro/Supro Plus **shall be:**

- Installed in accordance to this document and the New Zealand Building Code Compliance Document E2/AS1, NZMRM Roofing Code of Practice

DuPont™ Tyvek® Supro/Supro Plus **shall not be:**

- Used as a vapour barrier
- Installed under translucent cladding or skylights
- Installed on roof pitches below 3°

LOSP treated timber

If installed over LOSP treated timber, ensure that timber is dry and solvent free.

Wall underlay

DuPont™ Tyvek® Supro/Supro Plus is suitable for use behind absorbent and non-absorbent wall cladding, direct fixed or with vented cavity.

INSTALLATION GUIDELINES

DuPont™ Tyvek® Supro/Supro Plus shall be installed

- Shingle lapped minimum 150mm when laid horizontally for roof pitches above 3°
- Between 3° and 10° roof pitches:
 - Supported if laid vertically
 - No need of support when laid horizontal
- Unsupported (either horizontal or vertical) when roof pitch is $\geq 10^\circ$
- Taped along seams with Tyvek® Contractor tape when run vertically at roof pitches between 3° and 10°. Alternatively use DuPont™ Tyvek® Supro Plus
- Supported at purlin/rafter spans greater than 1200mm
- Installed as to ensure water sheds to gutter

DuPont™ Tyvek® Supro/Supro Plus

INSTALLATION GUIDELINES continued

- Laid continuously or lapped 150mm over framing. There is no limit on the length of run
- Secured adequately with galvanized or stainless-steel staples, clouts or purlin screws at maximum 600mm centres
- Always laid with grey printed surface facing outwards and pulled taut under the cladding to prevent ponding of condensation
- Where installed as an air barrier, tape/seal overlaps, end laps, discontinuities and penetrations
- Sealed around penetrations to prevent water ingress into the roof or wall cavity
- Repaired by Tyvek® Contractor tape if ripped or torn
- Discontinuous over the ridge where allowance for ridge venting is required
- Not permitted to be exposed to the elements after final cladding
- Finished 20-25mm beyond the valley or gutter edge, ensuring draining to the envelope exterior
- Installed over gutter-flashing where there is likelihood of water ingress beyond gutter into the wall cavity

DuPont™ Tyvek® Supro/Supro Plus is designed for temporary weather protection during construction and as a secondary weather barrier in service.

Do not expose the roof underlay for as long as necessary and no more than 30 days. Store DuPont™ Tyvek® Supro/Supro Plus out of direct sunlight, in a clean dry environment, sheltered from the weather.

DuPont™ Tyvek® Supro/Supro Plus is suitable for use under dark coloured roofs.

Condensation Management

Ensure that the building envelope design and construction adhere to sound condensation management principles, minimising moisture ingress and maximising drying capabilities of wall and roof cavities.



Description	Product Code	Roll Size	Area	GSM
DuPont™ Tyvek® Supro	702500	1500mm x 50m	75m ²	140gsm
DuPont™ Tyvek® Supro Plus	702501	1500mm x 50m	75m ²	140gsm

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