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SUMMARY OF FEATURES

- Heavy weight breather type building paper manufactured from bitumen impregnated paper.
- Used in the wall or roof cavity as a second line of defence against moisture and drafts.
- Also provides temporary weather protection prior to the application of wall cladding or roofing material.
- Meets the performance requirements of NZBC B2.3(c).
- Complies with NZS 2295: 2006.
- Can be used in 'Extra High' Wind Zones when installed over a rigid sheathing in accordance with E2/AS1.
- Meets the requirements of NZBC Acceptable Solution E2/AS1, Table 23.
- Complies with the requirements of AS/NZS 4200.1: 1994 Pliable Building Membranes and Underlays.
- When used in the ceiling cavity, we recommend that Pauloid Building Paper be supported by Bayonet Premium-6 Hexagonal Wire Netting.
- Kiwi made.

TECHNICAL INFORMATION

Product Description

A heavy weight bitumen impregnated paper used under roof and wall cladding as a second line of defence against moisture and drafts.

Applications

Pauloid Bituminous Building Paper is a breather type for use in controlling moisture and air movement behind wall claddings and beneath roof claddings in timber and steel frame buildings.

Product Information

Pauloid Bituminous Building Paper is suitable for use in timber and steel frame buildings to provide the following functions:

- Protection against occasional leakage through exterior claddings.
- Control over the movement and accumulation of moisture arising from construction and internal sources. (Allows water vapour to escape and absorbs temporary condensation).
- Control of air leakage and dust infiltration due to wind.
- Temporary weather protection.

When installed in accordance with Paul Industries' instructions, Pauloid Bituminous Building Paper has an expected serviceable life as indicated below.

Serviceable Life for Pauloid Bituminous Standard Weight & Heavy Weight Building Paper.

Location	Situation	Serviceable life (years) for all NZS 3604: 2011 Wind Zones where cladding is:	
		Dark Coloured	Light Coloured
Walls	Behind light weight, unitised or semi-sealed claddings on walls facing north, west or east	15	50
	Behind light weight, unitised or semi-sealed claddings on walls facing south	50	50
	Behind thick light weight, heavy weight and sheet claddings on walls facing any direction	50	50
Roof (Under all cladding types)	Supported by wire netting	50	50
	Supported by framing or other suitable durable corrosion resistant material at 300mm centres	35	50

Handling & Storage

Pauloid Bituminous Building Paper must be stored off the ground, on end, under cover, in clean dry conditions. It must be handled with care to avoid damage.

Technical Data

The following tests have been carried out to establish the suitability of Pauloid Bituminous Building Paper:

- By the Pulp and Paper Research Organisation (PAPRO): water absorbency tests in accordance with NZS 2295: 2006. Bursting strength tests in accordance with AS 1301.438s: 1989. Resistance to water penetration in accordance with NZS 2295.
- By the Forest Research Institute Laboratory: PH reaction tests to BS2924: 1983 (1992), Part 1.
- By Graysons Laboratories: Permeability tests to ASTM E96-80, Procedure D.

Installation

These instructions are based on the requirements of NZBC E2/AS1, Paragraph 2.4.3 or NZS 3604: 2011, Clause 8.6.2 for walls; and NZBC E2/AS1, Paragraph 1.3 or NZS 3604: 2011 Clause 11.2.3 for roofs.

Pauloid Bituminous Building Paper must be installed on the exterior face of the framing and it is recommended that they be run horizontally with the upper sheet lapped 150mm over the bottom sheet. The minimum lap is 75mm.

For walls, the product must extend from the underside of bearers, or wall plates supporting the ground floor joists, to the top of the top plate.

Pauloid Bituminous Building Paper must be stapled, tacked or fixed in place using proprietary building paper fixings, at 300mm maximum spacing to all framing. In windy conditions more fixings or fixings with larger heads may be necessary. The cladding should then be installed as soon as possible.

Where used as a roofing underlay the product is most effective when run parallel to the ridge across rafters or truss top chords and beneath tile battens with sag sufficient to facilitate drainage.

The upper sheets should lap over lower sheets by 150mm (75mm is the minimum lap). End laps must be one full rafter or truss space or 600mm whichever is greater. Where the product is run parallel to rafters or trusses and across purlins, side laps must be a minimum of 150mm.

The product must be lapped at least 25mm over fascia boards and valley flashing and be continuous over ridges and hips.

Note must be taken of the situations where wire netting support has to be provided to meet durability expectations.

The joints of Pauloid Bituminous Building Paper shall be sealed by taping or by other suitable means in the High and Very High Building Wind Zones of NZS 3604: 2011.

Tape shall be suitable for the purpose and have durability compatible with the building paper use.

To preclude back drainage at laps, roofing underlay should not be used unsupported where laps are parallel to rafters or trusses; or on roofing pitches less than 10 degrees. Where the paper is used for roofs with low pitches and long rafter lengths consideration should be given to the use of anti-ponding boards at the fascia. All damaged building paper must be repaired or replaced prior to installation of the cladding. Repair of tears and holes may be effected by lapping the damaged areas by at least 75mm, taping the laps and fixing to framing at the perimeter of the damaged area. All holes for services (except flues and chimneys as indicated) must be cut neatly to butt against and be taped to the service element.

A separation must be maintained between chimneys, flues and fuel burning appliances.

Pauloid Building Paper must not be used under translucent sheeting.

Size Range Available

Product Code	Description	Width x Length (mm x m)	Total (m ²)	Weight (kg)	Barcode
HW1370100	Heavy Weight Bituminous	1370 x 73.00	100	24.50	9421026722249
HW137050	Heavy Weight Bituminous	1370 x 36.50	50	12.33	9421026722263
HW137025	Heavy Weight Bituminous	1370 x 18.25	25	6.15	9421026722256