

VAPROSHIELD WEATHER RESISTIVE & AIR BARRIERS

BPIR DECLARATION

Version 1.0 November 2023



DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

MaxClad Ltd (MaxClad) has provided this declaration to satisfy the provisions of the [Building \(Building Product Information Requirements\) Regulations 2022](#).

COMPANY DETAILS

| | |
|---------|----------------------------------------------------------------|
| Name | MaxClad Ltd |
| Role | Supplier |
| NZBN | 9429041158999 |
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DESCRIPTION OF BUILDING PRODUCT & MANUFACTURER

The Vaproshield range of weather resistive/air barriers (WRB/Air Barrier), flashings and shims are manufactured by the American company [Vaproshield](#).

The sub-brands supplied by MaxClad include:

- WrapShield
- PanelShield
- RevealShield
- BlockShield, and
- SlopeShield.

For a full range of the available products and all technical information, refer to [Vaproshield](#).

The **WRB/Air Barriers** are supplied self-adhered or with an integrated tape. Weather resistive barrier have all the characteristics of a flexible underlay as described in [E2/AS1](#). They are directional with respect to liquid water resistance, and non-directional with regard to water vapour permeability. They allow internal moisture vapour to move through the product and into the ventilated cavity whilst preventing external moisture from entering the wall. This characteristic ensures that the building is protected from the risks of moisture ingress from rain and protects the interior of the building from moisture build up which can cause mold and other damp building problems.

The barriers are manufactured from non-asphalt, bonded moisture resistant polypropylene and polyester with integrated pressure sensitive acrylic glues.

There are several **flashings** options including pre-cut WRB/Air Barrier product, STPE liquid applied flashing, silicone adhesive, and stainless steel tapes.

The **shims** are self-adhered neoprene.

Vaproshield has been developing high performance weather resistive barriers and air barriers for over 20 years. They provide evidence of their product performance through a comprehensive [testing regime](#) including testing to NFPA285 for specified assemblies. In addition to reliance on this testing, MaxClad has had the performance characteristics of the barriers compared to table 23 E2/AS1 by Mott MacDonald who concluded that in all cases Vaproshield were equivalent or exceeded that required in table 23.

Vaproshield products do not contain any products that are on the red list as stated on their [Declare Label](#).

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Maxclad relies on the testing and assurance provided by Vaproshield, and the comparison undertaken by Mott MacDonald in making the following claims.

Vaproshield products comply with,

- B1 (Structure): B1.3.1, B1.3.2, B1.3.3 (a, f, h, m, q)
- B2 (Durability): B2.3.1 (a)
- F2 (Hazardous Building Materials): F2.3.1

When installed, the Vaproshield products will contribute to compliance with (as applicable),

- E2 (External Moisture): E2.3.2, E2.3.5, E2.3.7
- C2 – C6 (Protection from fire), applicable performance criteria.

FOR FURTHER INFORMATION

The Vaproshield products must be specified, installed, and maintained in accordance with all information supplied by Maxclad.

For design, installation and supporting information, refer to [MaxClad](#).

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm the Vaproshield products, as referred to in this statement, are not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf of MaxClad Ltd:

John Gibbons

John Gibbons
DIRECTOR

November 2023