



“Thor Building Products
with its
Rhino Range of Insulation
has all your insulation
needs covered”



NCC 2019 Condensation Management

What does this mean to you?

What Products to use and
where?



How to Comply
with Volume 1: F6.2
and Volume 2: 3.8.7.2

Pliable Building Membrane



Rhino Wrap / Breather
Rhino Primo Wrap
Rhino Breathable Membrane



RHINO RANGE

BY THOR BUILDING PRODUCTS

PH 1300 880 828 WEB WWW.THORBUILDING.COM.AU



How to Comply with Volume 1: F6.2 and Volume 2: 3.8.7.2 Part (a)

Compliance with this clause is achieved with the installation of a pliable building membrane as follows:

Where a pliable building membrane is installed in an external wall, it must:

- (i) comply with AS/NZS 4200.1; and
- (ii) be installed in accordance with AS4200.2; and
- (iii) be a vapour permeable membrane for climate zone 6, 7 and 8; and
- (iv) be located on the exterior side of the primary insulation layer of wall assemblies that form the external envelope of a building.



How to Comply with Volume 2: 3.8.7.2 Part (b)

To comply with this clause there must be a drained cavity when no water barrier membrane is installed. As standard Brick Veneer construction includes a drained cavity by design, all Brick Veneer walls automatically comply when no water barrier membrane is installed.

However, external moisture ingress can be influenced by wind pressure and easily breach a drainage cavity to come into contact with water sensitive materials.

The use of a water barrier membrane with an appropriate level of permeability is always recommended, particularly if the membrane is being used during construction to allow internal works to progress as part of a reverse build program.

Rhino Range Solution for Zones 6, 7 & 8:

Brick Veneer (drained cavity)

- ✓ **Rhino Wrap Breather** RP-51B
- ✓ **Rhino Primo Wrap** RP-51-PM

Timber & Cement Cladding
(or if no drained cavity)

- ✓ **Breathable Membrane** RP-51-BML

Rhino Range Solution for Zones 1 to 5:

Brick Veneer (drained cavity)

- ✓ **Rhino Wrap** RP-51
- ✓ **Rhino Wrap Breather** RP-51B
- ✓ **Rhino Primo Wrap** RP-51-PM

Cement Cladding - or if no drained cavity (refer manufacturers recommendations)

- ✓ **Rhino Primo Wrap** RP-51-PM
- ✓ **Breathable Membrane** RP-51-BML

Timber Cladding

- ✓ **Breathable Membrane** RP-51-BML

Volume 2: 3.8.7.2 Part (b) says:

The Condensation Management clause will only apply to wall wrap products that have water hold-out (water barrier) properties. This means that a non-water barrier (or a perforated foil breather product) may still be installed onto an external wall frame in any climate zone, provided there is a drained cavity.

As Brick Veneer construction includes a drained cavity by default, this means that all Brick Veneer in any climate zone may still use **Rhino Wrap Breather RP-51B** as it is a perforated non-water barrier product. Although, please note that perforated non-water barrier products do not meet cladding manufacturer's warranty terms and should not be used behind lightweight cladding in any situation, even if a drained cavity has been included through battens. Behind lightweight cladding in Zone 1 to 5 use **Rhino Primo Wrap RP-51-PM** (always refer manufacturers recommendations) and in Zone 6 to 8 use **Rhino Breathable Membrane RP-51-BML**.

Climate Zone 1 to 5



Brick Veneer
Construction

RHINO WRAP RP-51
RHINO WRAP BREATHER RP-51B

RHINO PRIMO WRAP RP-51-PM

Size Availability

Width 1350mm	Length 30m	Area 40.5m ²
Width 1350mm	Length 60m	Area 81m ²
Width 1500mm	Length 30m	Area 45m ²
Width 1500mm	Length 60m	Area 90.5m ²



Timber & Cement
Cladding

refer manufacturers recommendations

RHINO PRIMO WRAP RP-51-PM
(Zone 1)

**RHINO BREATHABLE
MEMBRANE** RP-51-BML (Zone 2-5)

Size Availability

Width 1350mm	Length 30m	Area 40.5m ²
Width 1350mm	Length 60m	Area 81m ²
Width 1500mm	Length 30m	Area 45m ²
Width 1500mm	Length 60m	Area 90.5m ²

Size Availability

Width 1350mm	Length 30m	Area 40.5m ²
Width 1350mm	Length 50m	Area 67.5m ²
Width 1500mm	Length 30m	Area 45m ²

Climate Zone 6 to 8



Brick Veneer
Construction

RHINO WRAP BREATHER

RP-51B

RHINO PRIMO WRAP

RP-51-PM



Size Availability

Width 1350mm	Length 30m	Area 40.5m ²
Width 1350mm	Length 60m	Area 81m ²
Width 1500mm	Length 30m	Area 45m ²
Width 1500mm	Length 60m	Area 90.5m ²



Timber & Cement Cladding

refer manufacturers recommendations

RHINO BREATHABLE MEMBRANE RP-51-BML

Size Availability

Width 1350mm	Length 30m	Area 40.5m ²
Width 1350mm	Length 50m	Area 67.5m ²
Width 1500mm	Length 30m	Area 45m ²