

AS4200.2: 2017 Membrane Installation Mandatory Requirements for Walls

Under the National Construction Code (NCC 2019) and Building Code of Australia (BCA) Volume 2 (Residential Class 1 & 10 buildings) it is mandatory that membranes are installed to Australian Standard AS4200.2: 2017 Pliable building membranes and underlays Installation.

Which products does AS4200.2 installation requirements apply to?

AS4200.2 installation requirements apply to, but not limited, the following products.

- Wall membranes
 - Enviroseal range i.e. Enviroseal RW wall wrap
 - Thermoseal range i.e. Thermoseal wall wrap XP
- Roof membranes
 - Enviroseal range i.e. Enviroseal HTS sarking
 - Thermoseal range i.e. Thermoseal ResiWrap
 - Polyair range i.e. Performa 4.0 XHD
- Roof faced blankets i.e. Anticon roofing blanket (where a vapour barrier or air barrier is required)

What are the key AS4200.2 mandatory installation requirements?

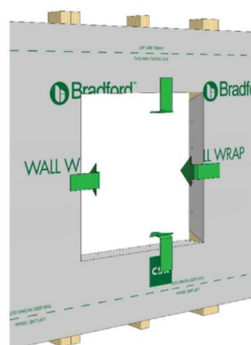
AS4200.2: 2017 has more stringent mandatory installation requirements than previous versions and requires that all penetrations, including windows, must be sealed (taped) at all joints and laps.

Also, all membranes that are intended to be a vapour barrier or air barrier must be sealed (taped) at all joints, laps, and penetrations.

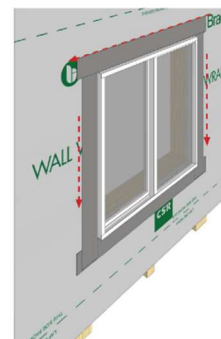
To meet AS4200.2-2017 for installation of membranes around windows:

- Sarking before window install membrane must be sealed to the inner face of the stud framing and noggin.
- Sarking after window install: membrane must be tucked between window frame fin and reveal box, then taped to seal over fin.

Sarking before window install



Sarking after window install



Impact of AS4200.2 on installation

AS4200.2: 2017 affects all membrane installers as there are more details and attention required to meet compliance, which can ultimately translate to higher cost of installation.