



Spend Less Build Better For Australians

Installation of Pliable Building Membranes in Floor

1-1. The following requirements apply to the installation of pliable building membranes in Floor:

- (1) Pliable building membrane shall be installed over or under the joists using fixings that are appropriate to the type of floor constructions and appropriate for the membrane used.
- (2) If installed over the joists, the pliable building membrane shall not compromise the fixing of the chosen flooring. The membrane shall be installed with-
 - 1) The air gap as calculated in accordance with AS/NZS 4859.1; or
 - 2) An air gap of not less than 20mm; or
 - 3) A gap more than 40mm between joists.

For this method the pliable building membrane shall be joined and taped.

If installed between the joists the pliable building membrane shall be laid parallel to floor joists, ensuring it is set in between the joists to the depth in-line with the bottom of the floor joists. Pliable building membranes installed between the joists shall be fixed at a maximum of 150mm centres.

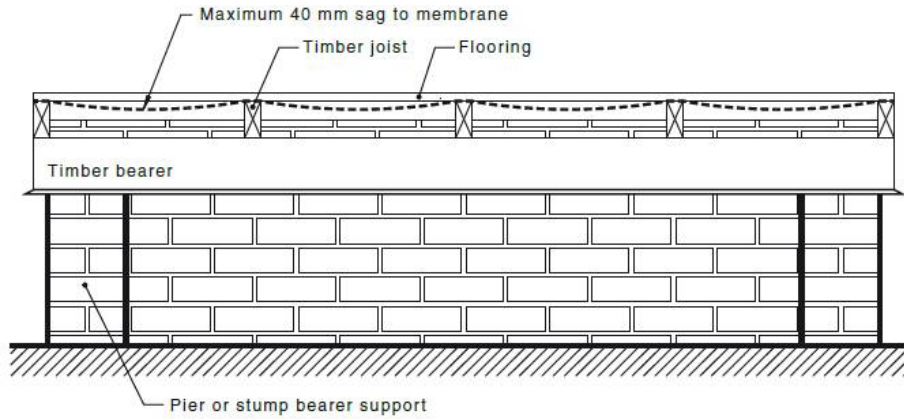
1-2. Thermal control membrane

Where a pliable building membrane is installed as a thermal control membrane under floors, it shall be installed in accordance with the air gap either-

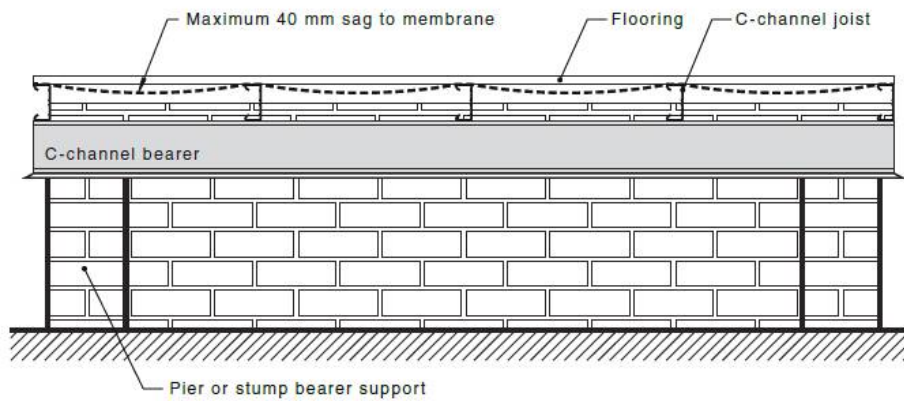
- (1) As calculated in accordance with AS/NZS 4859.1; or
- (2) Not less than 20mm.

1-3. Vapour control membranes and air control membranes

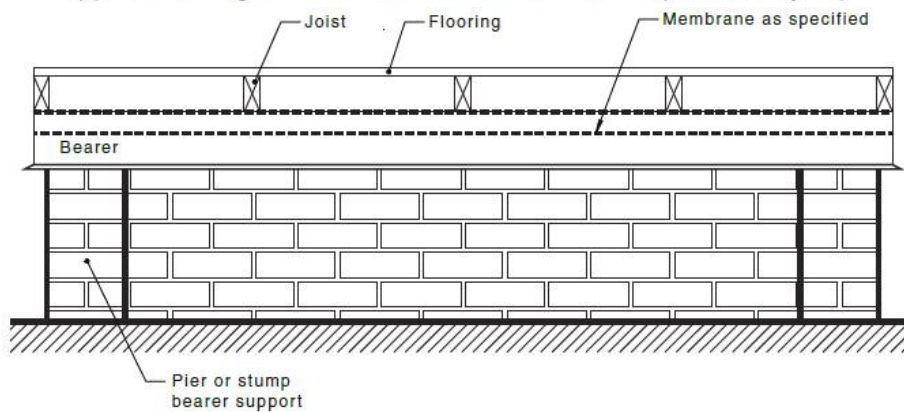
Where a pliable building membrane is installed as a vapour barrier or as an air barrier, it shall be sealed at all discontinuities, end laps, joists and penetrations.



(a) Pliable building membrane installed under timber-framed floor (installed over joists)



(b) Pliable building membrane installed under metal-framed floor (installed over joists)



(c) Pliable building membrane installed under timber-framed floor (installed under joists)

FIGURE 3.11.1 (in part) INSTALLATION OF PLIABLE BUILDING MEMBRANES OVER AND UNDER FLOOR JOISTS