How to install wall insulation

Insulate your existing walls and your ceiling during your renovation, and reduce your home's heating and cooling costs by up to 40%.

Installing wall insulation into your existing home will significantly increase your overall comfort in the long-term. In Victoria, most walls can be divided into three distinct categories.

Weatherboard or lightweight cladding walls

A weatherboard or other lightweight wall has a low R value, meaning that heat and cold will readily transfer from inside to outside. This will make it very hard for you to heat the inside of your house on a cold day.

A renovation is an ideal time to improve the performance of your weatherboard walls to save money on your energy bills and improve the comfort of your home.

Find out more about insulating your weatherboard or lightweight cladding walls.

Brick Veneer walls

Brick veneer homes have a higher R value than weatherboard, and will lose less heat in winter. Brick veneer homes built before 1990 are likely to have no insulation in the walls.

Adding insulation to the timber frame of your walls will keep heat inside your home in winter and stop heat from outside being released into your home in summer.

A renovation is an ideal time to think about adding insulation to your existing brick veneer walls.

Find out more about insulating your brick veneer walls.

Double brick walls

Brick has thermal mass properties, meaning that it takes heat from the sun and releases it slowly into your home overnight.

Double brick walls have a high R value and can be harder to insulate. The two skins of brickwork will store heat from the sun and then release it slowly into the home; this is great in winter but not during summer heat waves.

Adding insulation to your double brick walls will help to keep the heat in your home in winter and keep it out in summer.

Find out more about insulating your double brick walls.

HEALTH AND SAFETY WARNING

Installing insulation (particularly in ceilings) carries some potentially serious risks, such as electrocution. For this reason we recommend that you employ an experienced professional who has the required skills and knowledge to complete the job safely, rather than risk doing the job yourself.

Learn more.

How to guides

- How to select the right insulation
- How to install insulation into brick veneer walls
- How to install insulation into double brick walls
- How to install insulation into weatherboard walls

More information

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- How to install insulation into double brick walls
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- How to install insulation into weatherboard walls