

PROTECT THE THINGS YOU VALUE WITH A SECOND SKIN™

Bradford Thermosteel sarking sits under your roof tiles like a protective second skin helping to make your home more comfortable and protecting the things you value.



Bradford™
thermosteel™
A PROTECTIVE SECOND SKIN™

CSR



KEY BENEFITS OF SARKING

- Extra protection from storm driven rain & dust
- Improved energy efficiency & thermal performance
- Bushfire BAL compliance
- A more comfortable home

THE SECOND SKIN™ ADVANTAGE

Your roof tiles are the beautiful and tough exterior, but roof sarking is the hidden second skin™ that provides extra protection when you need it most.

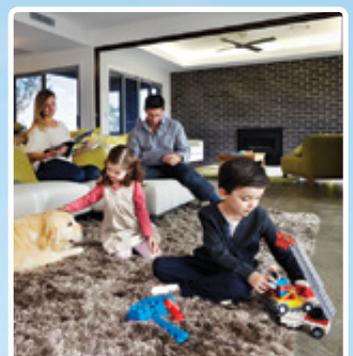
THE BENEFITS OF ROOF SARKING:

How roof sarking can protect your home during construction:

- **Protects the building structure** from the weather prior to the application of the roof tiles, which limits water damage to internal structural components
- **Improves on-site work flow efficiency** by allowing some internal trades to commence work before the roof tiles are applied.

How roof sarking helps protect your home once it is completed:

- **Improves thermal performance** by reducing heat flow through the roof, helping provide a more energy efficient and comfortable home
- **Helps protect your home** from unseen mould growth or even worse, ceiling staining or permanent damage which can result from the entry of storm driven rain into the roof cavity
- **Limits dust entering the home** through gaps around downlights and vents by reducing draughts that blow dust into the roof space
- **Provides compliance to BAL** bush fire ember attack requirements in accordance with AS3959 by providing a secondary form of ember protection for the roof space – all products comply with a flammability index of less than or equal to 5 when tested in accordance with AS1530.2.



EVERY BEAUTIFUL ROOF DESERVES A SECOND SKIN™

Roof sarking is positioned under your roof tiles during installation by the builder. It is rolled out in sections parallel to the eaves with an overlap between each layer to help prevent wind driven rain and dust from getting into the roof cavity. Wooden battens are used to secure the sarking to the roof rafters and to allow assembly of the roof tiles on top of the sarking.

Thermoseal roof sarking is a multi-layered, non-permeable membrane made specifically for residential roofs. It is developed and laminated in Australia by CSR Bradford using flame retardant adhesives to ensure compliance to BAL bush fire ember attack requirements.

It has a distinctive green, outward facing surface and a reflective silver foil on the inward facing side. The reflective foil can reduce heat flow through the roof, helping to make your home feel more comfortable.

Sarking and the Building Code of Australia

It is mandatory under the Building Code of Australia (BCA) that all tiled residential roofs, regardless of roof pitch, with a rafter length

greater than 6 metres **must be sarked**. CSR recommends that all tiled roofs with a pitch of less than 20° are sarked and the BCA mandates this requirement for rafter lengths greater than 4.5 metres.

As a general guide, it is considered good building practice to sark all tiled roofs as it helps to address the requirement within the BCA to protect the building from the entry of external moisture.

Compliance to BAL with roof sarking

Every new home built or renovated must undergo a BAL (Bushfire Attack Level) assessment. If your home is required to comply to a BAL-12.5 to BAL-40 area classification, incorporation of sarking with a flammability rating ≤ 5 is mandatory.

For Flame Zone (FZ) areas, sarking is still required but additional precautions must be taken and the Bradford Bushfire Roofing Systems Design Guide should be consulted.



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WANT TO KNOW MORE?

Visit bradfordthermoseal.com.au or call CSR Bradford on **1300 850 305**



Watch the Roof Sarking story on YouTube by searching:
The Benefits of Roof Sarking – Bradford Thermoseal



Find us on Facebook by searching: **CSR Bradford**



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