

**Colorbond**<sup>®</sup>  
Made for Australia



**Monier**<sup>™</sup>  
ROOFING

**bristle**roofing<sup>®</sup>

**LYSAGHT**



**A Guide to  
Re-Roofing  
Your Home**

# What's in this Guide?

This guide is for you if you want to re-roof or extend your current roof. Within, you'll discover advice on selecting the best profile, energy-saving techniques, solutions to frequently asked issues, and much more to assist you.

## Why Re-roof?

Replacing your roof, your home's largest surface area and first line of defence against Australia's weather, improves its performance, energy efficiency, and appearance.

### RE-ROOFING IMPROVES THE FUNCTIONALITY OF YOUR HOME

If your roof is leaking, it could harm the area inside and above where you reside. A new roof offers the opportunity to replace damaged tiles without the trouble of trying to match old and new tiles.

Also, it's a great chance to increase your roof space's insulation and ventilation, which can result in a healthier, more energy-efficient home.

### RE-ROOFING IMPROVES THE LOOK OF YOUR HOME

A new roof can increase the value of your house and is an excellent chance to modernise the outside design.

## THE ADVANTAGE OF ROOF TILES

**SAFE FOR RAINWATER TANK COLLECTION**

**NO RUST, WARP, OR CORRODE**

**ENDURANCE & DURABILITY**

**STORM SMART**

**FIRE RESISTANCE**

**SALT SAFE**

**THERMAL INSULATION PROPERTIES**

**Terracotta roof tiles come with a 50-year colorfast warranty.**

**QUIET HOME WITH SOUND-REDUCING PROPERTIES**

We provide a complete roofing solution at Duravex Roofing. Therefore, whether you want to expand an existing roof or replace it, we're confident that among our wide selection of concrete and terracotta roof tiles, you'll discover the suitable tile in the right shade.

## How do I begin??

Your home could acquire distinctiveness, character, and value by selecting the right roof tile. Your roof makes a major aesthetic contribution to the appearance of your house. The roof has a significant impact on the final appearance of your home because it makes up around 30% of the facade of a house.

Consider the following while choosing a tile for your home...

### Classic or Contemporary Roof Tiles?

#### CLASSIC

How is a classic determined? enduring fashion that has endured through the years. Classic Roof tiles with lapped ridging.

#### CONTEMPORARY

The ideal roof material for contemporary design is flat tiles. Choose a streamlined ridge for extra style; we refer to it as A-Line ridging.



# Selecting a Roof Tile

## PROFILE

### Classic or Contemporary?

The term "profile" describes how a roof tile is shaped and created. That is what gives a roof its own personality. Duravex Roofing offers a variety of profiles, from flat, sleek tiles to more traditional designs, in collaboration with manufacturers like Bristile Roofing and Monier Roofing. The roof pitch must be considered when selecting a profile because some tiles cannot be installed over a particular pitch.

## MATERIAL

### Concrete or Terracotta Roof Tiles?

Concrete roof tiles from Bristile Roofing and Monier Roofing are made of strong concrete that gets stronger with time. Clay, a naturally occurring commodity that has been utilised historically as a roofing material, is used to make Monier terracotta roof tiles. Nothing lasts longer than terracotta in terms of performance and colour. Each tile is coated with a glaze and heated to over 1,000 °C, which bakes the colour into the tile and makes it resistant to fading from exposure to the weather.

## COLOUR & FINISH

Bristile Roofing & Monier Roofing Tiles are available in a wide range of colours, from light neutrals to dark tones. Also, they are available in a range of finishes, including matte, semi-glazed, and heavy gloss.

# DURAVEX ROOFING SOLUTIONS - ROOF TILE RANGE

## CONTEMPORARY

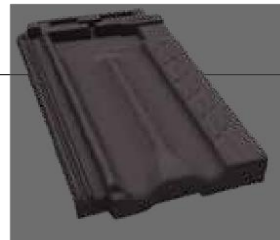
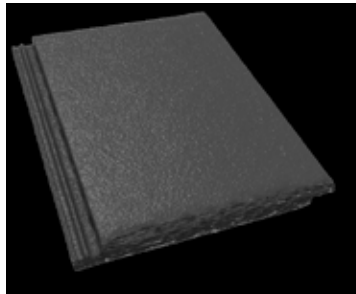


RENOVATION RANGE  
**CONCRETE**

## TRADITIONAL



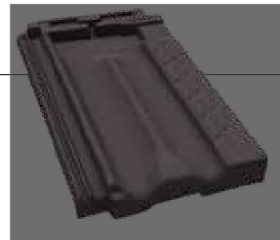
## TERRACOTTA



## CLASSIC



**CONCRETE**



**TERRACOTTA**

RENOVATION RANGE



RENOVATION RANGE



RENOVATION RANGE



# ROOFING ESSENTIALS Insulation, Ventilation & Sarking

Your home absorbs or receives heat primarily through your roof Area. Your home's re-roofing project is the ideal opportunity to increase its thermal efficiency by including sarking, ventilation, and insulation.

## Insulation

Insulation materials help regulate the temperature of your living space all year round by reducing the rate at which heat and cold are transferred through your ceiling. Convection heating in the roof area is combated by bulk insulation or ceiling batts, whereas radiant heat is best repelled by sarking, a thin non-flammable membrane. Retrofitting ceiling insulation is simple if your roof space is accessible.

## Ventilation

Whirly birds lower the temperature and humidity in the attic. Cross-ventilation is made possible by installing them on different sides of the roof area, which might be even more advantageous.



- In summer, removes hot air from the roof space.
- Removes stale/damp air in winter.
- Minimises the demand for Air conditioning.
- Helps in energy cost reduction.

## Sarking

Sarking installation is something you can only do once, and that's when you put on a roof. We think that sarking's advantages far outweigh its additional expense. When a roof is installed, a flexible membrane called sarking is placed beneath the roof battens to assist insulate the roof and protect your property from the elements.

### The Benefits of Sarking?

- Radiant heat entering your roof space is reflected up to 95%.
- Year - round thermal insulation
- Prevents ceiling staining and mould growth by stopping condensation.
- Effective dust barrier, reducing airborne dust in your home and enabling better roof use.
- Helps in house Fire safety - Prevents embers from entering the roof space.
- During severe storms, provides additional weather protection.



Sarking under roof tiles creates a water-, dust-, and ember-proof barrier while reflecting up to 95% of radiant heat. Sarking installation is only possible once, during the roof installation process.



# 9 STEP RE-ROOFING PROCESS

RE-ROOFING CAN TAKE 5 TO 7 DAYS TO COMPLETE, DEPENDING ON THE SIZE OF YOUR ROOF.



**1. SAFETY RAIL INSTALLED IF REQUIRED**  
Safety is paramount. Guardrail is installed around the roof to protect roof tilers and your family.



**2. OLD TILES & BATTENS REMOVED**  
The old tiles, ridges and battens are removed. Care is taken over existing ceilings and fixtures.



**3. SARKING INSTALLED**  
Optional, but recommended. Sarking provides insulation and reflects up to 95% of radiant heat entering the roof.



**4. NEW BATTENS INSTALLED**  
Before laying roof tiles, new battens are installed.



**5. NEW TILES TRANSPORTED TO ROOF**  
Conveyors transport new roof tiles to the roof.



**6. TILE INSTALLATION STARTS**  
Tiles are laid sequentially up the roof from the gutter line. Fixing clips or nails are used to secure the roof tiles to the roof.



**7. RIDGE TILES INSTALLED**  
Ridge tiles are secured and bedded in place using Roof Pointing mortar.



**8. ROOF POINTING**  
Pointing is a flexible material that covers mortar and matches roof tile colour. Roof Pointing helps keep the ridge in strong and intact.



**9. COMPLETION**  
Guardrail is removed, the site is cleaned, and any leftover roof tiles are removed.

# ROOFING Frequently Asked Questions

## Can I use new roof tiles if my old tiles are of a different brand or profile?

Yes. Roof installers are able to cope with various tile widths. If this cannot be done, a portion of the roof can be changed without impacting the entire roof. Your current timber battens and sarking may stay, based on their state. We can assist you in locating the closest compatible roof tile for extensions.

## Is rain collected from my tile roof safe to drink?

Roof Tiles from Bristle Roofing, Monier Roofing contain non-toxic surface coatings. They are made without the use of lead, cadmium, or any other hazardous metals. Although the water that drips off the roof tiles is potable, additional elements including air fallout must be considered.

## Do roof tiles work well where I live, which gets a lot of wind?

Roof tiles are perfectly suited to high wind areas. In these environments we recommend the use of sarking and additional fixing methods.

## How can I make my roof as energy efficient as possible?

Roof tiles are a good barrier against temperature changes because of their thermal mass. When paired with sarking, ventilation, and insulation, they become even more effective. Sarking cannot be retrofitted; thus, it is crucial to think about adding it when re-roofing or extending your roof.

## How glossy are brand-new concrete tiles?

Roof sealers give concrete tiles a glossy finish. The roof water-based sealer slows natural salt release from concrete. These salts show as a whitish discoloration when they reach the surface. With time, concrete roof tiles will lose some of their colour and gloss. Terracotta roof tiles retain their colour because they are baked.

## Can I re-roof in tiles if current roof is metal?

Yes, if the load capacity of the existing frame is greater than 60kg m<sup>2</sup> as assessed by a structural engineer.

## Are concrete roof tiles water-resistant?

It is a common misconception that roof tiles absorb water during heavy downpours and roof tiles comply with strict Australian Standards that specify a maximum absorption of 10% of their own weight. Testing on tiles shows that when submerged in water for 24 hours, they absorb substantially less than this.

## Do roof tiles need to be maintained regularly?

There is no such thing as a roof that requires no maintenance. To ensure that gutters, downpipes, and valleys are clear of debris, we advise performing an annual inspection. If you reside in an area with plenty of trees, more inspections are advised. We advise minimising or avoiding foot traffic on your roof.

## Roof Inspection

**We always recommend hiring a qualified roofing specialist from Duravex Roofing for Roof Inspection.**

## RE-ROOFING OR RE-SPRAYING FACTS?

To improve the colour of their concrete roof tiles, some homeowners think about respraying or recoating them. Respraying concrete roof tiles is permissible, depending on the type and technique. A roof respray is only done for aesthetic reasons; it won't make your roof last longer. It doesn't improve the functionality of your roof or fix cracks or leaks.

People walking on an old or damaged roof while it is being repainted increases the risk of further harm. Re-roofing is something to think about because it will provide you peace of mind and increase the longevity, value, and beauty of your house.

Terracotta roof tiles should never be repainted since the colour will fade over time if it is applied on a glazed surface. Terracotta roof tiles never need to be repainted since the colour is baked in during the kiln firing process.

# Colorbond Steel Colours



Colourbond®  
Monument®

TSR: 9%



Dark  
Grey

TSR: 9%



Light  
Grey

TSR: 33%



Birch Grey

TSR: 41%



Colourbond®  
Woodland Grey®

TSR: 12%



Mid  
Grey

TSR: 25%



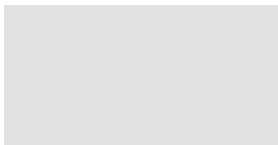
Twilight  
Shadow

TSR: 8%



Colourbond®  
Shale Grey®

TSR: 21%



Cool  
Grey

TSR: 78%



Charcoal

TSR: 7%



Colourbond®  
Night Sky®

TSR: 4%



Terracotta

TSR: 42%



Dark  
Terracotta

TSR: 38%



Tuscan  
Red

TSR: 30%



Clay Brick

TSR: 37%



Colourbond®  
Basalt®

TSR: 12%



Colourbond®  
Ironstone®

TSR: 11%



Colourbond®  
Pale Eucalypt®

TSR: 22%



Colourbond®  
Classic Cream®

TSR: 66%



Colourbond® Jasper®

TSR: 9%



Colourbond® Surfmist®

TSR: 41%



Colourbond® Dune®

TSR: 26%



Brunswick

TSR: 64%



# Important Roof Tile Information

To obtain the strength and weather resilience of concrete roof tiles, controlled mixtures of raw components are extruded at high pressure. The colour that has been added and/or incorporated into the tile body is only for decorative purposes. Exposure to the elements and air pollution will result in weathering, colour changes, and a matt finish on the surface. This is not a flaw and won't influence how well the Bristle Roofing or Monier Roofing Concrete Roof Tiles function overall.

Concrete tiles may initially display minor discoloration as a result of naturally occurring concrete salts migrating to the surface of the tile. It's called efflorescence. With time, concrete tiles should regain their uniform, matte appearance.

Natural clay is fired at high temperatures to produce terracotta tiles. Ceramic elements and oxides are applied to the tile's body or surface in glazed tiles. The colour of each tile may differ. The most beautiful roofs are made by fusing these tones together when installing the roof.

Minor surface imperfections and marks can be found on all tiles. Since they are a natural byproduct of the manufacturing process, these are not regarded as product flaws. Upon being transported from the plant to the site, scuff and chip marks could appear.

**Dulux**  
**Acratex**

## Keep your roof looking great with **ACRATEX® ROOF MEMBRANE**

**HueTech TECHNOLOGY**  
COLOUR LASTS UP TO **2X** AS LONG\*

- Durable coating for long life protection
- Suitable for concrete tiles and metal roofs
- Longer lasting colour†
- Suitable for collection of drinking water

**EXTENDED 15 YEAR WARRANTY**

**Dulux Acratex ROOF MEMBRANE**  
Durable coating for long life protection  
Use on concrete tiles and metal roofs  
Suitable for collection of drinking water\*

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