



monierprimeTM



A Guide to RE-ROOFING YOUR HOME

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What's in this Guide?

If you are planning to re-roof or extend your existing roof when renovating your home, then monierprime's guide to re-roofing is for you. Tips for choosing the right profile, energy saving measures, answers to frequently asked questions and much more will help you through the process.

Why Re-roof?

Given that your roof is the largest surface area of your home and the first line of defence against Australia's elements, roof replacement can be the single greatest improvement to your home's performance, energy efficiency and, or course, appearance.

Functionality

- If your roof is leaking this could damage above and inside your living space.
- It provides a chance to replace broken or cracked tiles and pointing.
- Eliminates the hassle of trying to match old tiles to something new.
- It creates a perfect opportunity to improve the insulation and ventilation of your roof space.

Aesthetics

- Opportunity to update the look of your home as part of a makeover.
- A re-roof can add value to your home.

Re-roofing can dramatically improve the aesthetic look of your home.



Consider Your Roof Style

Like many things, the finish of a product can make all the difference. It's the same for roofing. If it is a more contemporary, minimalist look you are trying to create, use Horizon tiles with A-line Ridging.

CLASSIC

Traditional tiles with lapped ridging.

CONTEMPORARY

Sleek tiles with a streamlined ridge system.



At monierprime we offer a complete roofing solution. So whether you're looking to re-roof or extend an existing roof, we're sure you'll find the right roof tile in the right colour from our extensive concrete and terracotta range.

Create The Look with Roof Tiles

From an aesthetic perspective, your roof contributes significantly to the overall look of your home. About 30% of your home's facade is made up of the roof so it has a major bearing on the overall look to your home.

Checking Your Roof

monierprime always recommends that you use a qualified roofing specialist to check your roof.

The following checks should be carried out:

- Check for cracked tiles, displacement of tiles or debris build-up.
- Check old cement mortar bedding.
- Check flashings, gutters and downpipes.
- Check whether or not sarking is installed.
- Check the need to re-insulate the ceiling.
- Check for sufficient ventilation to remove hot or damp air.



The Benefits of Tiles



Will not rust, warp or corrode

monierprime roof tiles will never rust, warp or corrode, a problem with other roofing materials.



Salt safe

monierprime roof tiles are ideal for coastal locations that endure the wind, spray and salt of the ocean. All monierprime roof tiles are salt safe and will not corrode.



Impervious to frost and ice

monierprime roof tiles are impervious to the effects of frost and ice and will never warp or crack, no matter how cold it gets outside.



Tank water safe

Roof tiles' raw materials are non toxic, so the water that runs off a tiled roof is potable. However, factors like atmospheric fallout need to be considered.



Provide thermal insulation

monierprime roof tiles help to keep the cold out and the heat in, in the winter... and the heat out and the cool in, in the summer. Saving you and the environment through energy savings.



Provide acoustic insulation

monierprime roof tiles have a sound reduction potential of ~ 30db. That is twice the sound deadening performance of other thinner metal roofing materials, assisting to keep unwanted noise out.

Terracotta's additional appeal

**Colour
Never
Fades**



Monier terracotta tiles are a sustainable product of lasting beauty. The colour never fades as it is baked onto the surface of the natural clay, giving it qualities like no other roofing material. This is backed by the Monier Terracotta Colour and Performance Guarantee.

Selecting a roof tile

At monierprime we have an extensive range of colours and profiles that match older tiles when extending your roof. If you are re-roofing the whole roof, you'll need to consider the following:

Material

Choose between the lasting beauty of terracotta or the versatility of concrete.

Concrete

monierprime concrete roof tiles are manufactured from durable concrete that strengthens over time.

Terracotta

Monier terracotta roof tiles are a natural clay product used throughout history as a roofing material. When it comes to performance and colour, nothing is longer lasting than terracotta. Each tile is glazed and fired at a temperature of over 1,000°C, baking the colour right into the tile and enabling it to withstand time and nature's elements.

Profile

Profile refers to the roof tile's shape and design. It is what gives your roof its distinct and unique character. monierprime offers a large range of profiles, from sleek, contemporary, flat profiles, to the more classic styles. When choosing a profile it is important to consider the pitch of the roof.

CONCRETE PROFILES

CONTEMPORARY HORIZON

The ultimate flat concrete roof tile, designed to deliver a streamlined roof that integrates seamlessly with current trends.



CONTEMPORARY STIRLING

With its slate-like finish, the Stirling roof tile is the ideal choice for the discerning home owner.



CLASSIC HACIENDA

Hacienda is a versatile roof tile that combines traditional good looks with exceptional product performance.



TERRACOTTA PROFILES

CONTEMPORARY NULLARBOR

The Nullarbor roof tile creates a streamlined, sleek and sophisticated roof line. *Streamline ridges are not available on this profile.



CLASSIC MARSEILLE

Classic French style from a tile that works with both traditional and contemporary architecture.



CLASSIC NOUVEAU

Nouveau is a fusion of classic and contemporary looks with a satin finish.



NOTE: Always check stock availability. 4 week order lead time applies to terracotta tiles.

Colour & Finish



monierprime has a diverse and modern palette of colours and finishes to choose from. From light neutrals to sophisticated dark tones and matte through to glazed finishes.

Roofing essentials

Insulation, Sarking & Ventilation

Your roof is the number one source of your home losing or gaining heat. Re-roofing your home provides the perfect opportunity to improve the thermal efficiency of the house by installing insulation, sarking and ventilation.

Insulation

Insulation products slow the transfer of heat and cold through your ceiling, resulting in the regulation of temperature within living spaces all year round. Bulk insulation or ceiling batts fight the effects of convection heating in the roof space, while the best defence against radiant heat is a thin non-flammable membrane known as sarking. Ceiling insulation is easy enough to retrofit if your roof space is accessible, however, sarking can only be installed during construction or re-roofing.

Ventilation

Whirly birds reduce both heat and moisture in the roof space. Installing them at opposite sides of the roof space allows for cross-ventilation, which can be even more beneficial.

- Expel hot air from your roof space in summer.
- Exhausts damp air in winter.
- Reduces air conditioning load.
- Helps reduce energy costs.

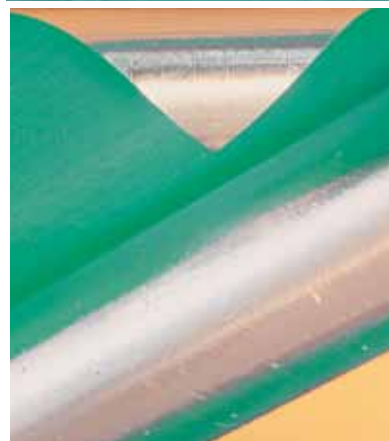


Sarking

You only get one chance to install sarking and that is when you install a new roof. At monierprime we believe the benefits of sarking far outweigh the incremental cost of the product. Sarking is a flexible membrane that is laid under the roof battens during roof installation, it helps protect your home from the elements and improves the overall insulation of the roof.

The Benefits of Sarking

- Reflects up to 95% of radiant heat entering your roof space.
- Provides added thermal insulation all year around.
- Stops condensation - minimising the chance of staining and mould growth on your ceilings.
- Effective dust barrier - reducing airborne dust entering your home and paving the way for better use of your roof space.
- Fire safety - prevents burning embers entering the roof space.
- Provides additional weather protection during severe storms.



Sarking under the roof tiles reflects up to 95% of radiant heat and provides a water, dust and ember proof barrier. You only get one chance to install sarking and that is when you are installing a new roof.

9 STEP RE-ROOFING PROCESS

Re-roofing can take 5 to 7 days to complete, depending on the size of the roof. There are 9 steps to the re-roofing process.



1. Install Safety Rail if required

Safety is a priority. Guardrail is installed around the perimeter of the roof to prevent roof tilers from falling and to keep your family safe.



2. Remove old tiles & battens

All the old tiles, ridges and battens are removed. Care is taken over existing ceilings and fixtures.



3. Install Sarking*

Sarking provides insulation and reflects up to 95% of radiant heat entering the roof.

* Optional, but recommended.



4. Install new battens

New battens are installed ready for the new roof tiles to be laid.



5. Load up new tiles

The new roof tiles are sent up to the roof using a conveyer system.



6. Start laying new tiles

Tiles are laid sequentially up the roof from the gutter line and fixing clips, or nails, are used to secure the roof tiles to the roof.



7. Ridge tiles installed

Ridge tiles are installed and bedded in place using mortar.



8. Pointing

Pointing is a flexible material that covers the mortar and comes in a colour that matches the roof tile. It acts as a mechanical fastener, keeping the ridge in place.



9. Finish

Guard-rail is removed and the site is tidied and any left over roof tiles removed.

Re-roof or respray?

THE FACTS.

Some people consider re-spraying or re-coating their concrete roof tiles in order to rejuvenate the colour. It's worth knowing that a roof re-spray is for aesthetic purposes only and it will not extend the life of your roof. It does not repair cracks or leaks, or enhance the performance of your roof. What's more, if the roof is old, or cracked, having people walk on it, in order to

re-spray, will increase the likelihood of further damage. A re-roof is a worthy consideration - giving you peace of mind and adding longevity, value and beauty to your home.

Monier terracotta roof tiles, which are kiln fired and have the colour 'baked' in, will never require a re-spray.

Frequently Asked Questions

Other enquiries?

Contact monierprime or speak with your Roofing Specialist.

1. Can I re-roof using tiles if my existing roof is metal?

Yes. If the load capacity of the existing frame is greater than 60kg per m² as assessed by a structural engineer.

2. Can I choose monierprime roof tiles if my old tiles are another brand?

Yes. A roof installer generally can work around different tile widths, or where this is not possible, replace part without affecting the rest of the roof. On assessing its condition, your existing timber battens and sarking can remain. For extensions, monierprime can assist to find the closest matching roof tile for the application.

3. How can I make my roof as energy efficient as possible?

The thermal mass of roof tiles makes them an effective barrier against fluctuation in temperature and their effectiveness only gets better when combined with insulation (sarking laid under your roof battens, bulk insulation laid above your ceiling) and ventilation (whirly birds laid with your tiles). It is important to seriously consider installing sarking when re-roofing or extending your roof, as there is no easy way to retrofit this product.

4. What is the gloss on new concrete tiles?

The gloss on concrete tiles is created through the application of a sealer. The purpose of this sealer is to slow the release of natural salts held within concrete that when released presents as a whitish discolouration. Unlike terracotta roof tiles where the colour is baked into the tile, with exposure to natural elements, concrete roof tiles will lose this sheen and some colour.

5. Does monierprime recommend re-spraying roof tiles?

Depending on the material and method used it is acceptable to re-spray concrete roof tiles to enhance their colour. However, respraying does not enhance the waterproofing performance of the roof tiles. If the roof is damaged in any way you should consider re-roofing. Never re-spray terracotta tiles, as the painted colour applied to a glazed surface will peel away over time.

6. I live in a high wind area - are roof tiles suitable?

Roof tiles are perfectly suited to high winds areas. In these environments, monierprime recommends the use of sarking and additional fixing methods to provide added waterproofing protection.

7. Is rain collected from my roof tiles safe to drink?

monierprime roof tiles have non-toxic surface finishes. No lead, cadmium or other heavy metals are used in their manufacture. The water that runs off a tiled roof is potable, however, other factors, including atmospheric fallout, need to be considered.

8. Do concrete roof tiles absorb moisture?

A common fallacy is that roof tiles absorb water during severe downpours. All monierprime roof tiles comply with strict Australian Standards that specify a maximum absorption of 10% of their own weight. Regular testing of our tiles confirm that they absorb significantly less than this figure when tiles are left in water for 24 hours.

9. Do roof tiles require ongoing maintenance?

There is no such thing as a maintenance free roof. monierprime recommends an annual check to make sure your gutters, downpipes and valleys are free of debris. More checks are recommended if you live in a tree lined area. We also recommend that foot traffic on your roof should be minimised or eliminated.



MARSEILLE Charcoal

Matching your Fascia & Gutter

Concrete Tile Colour	Suggested* Colorbond Match	Concrete Tile Colour	Suggested* Colorbond Match
Abalone	Shale Grey®	MochaChoc	Jasper®
Barramundi	Basalt®	Oyster	Windspray®
Caviar	Woodland Grey®	Sambuca	Monument®
Chilli	Manor Red®	Tapenade (multi)	Monument®
Coffee Bean (multi)	Monument®	Wild Rice	Evening Haze®
Espresso	Terrain®		

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Roof tile colours in this brochure have been reproduced as faithfully as possible. Actual colours may vary due to the printing process. monierprime urge all customers to view actual tile samples before making a decision.

monierprime do not guarantee a match to Colorbond steel products. The above table serves as a guide only. We recommend tile samples are viewed alongside actual Colorbond product samples for accurate matching.

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