



Roofing System ...Much more than a beautiful roof



Nulok Natural Slate  
Nulok Ceramic Tiles  
Nulok Integrated Solar Inserts

[www.nulokroofing.com](http://www.nulokroofing.com)

# 10 reasons why a Nulok roof is the right choice...

## BETTER VALUE



A Nulok roof can be up to 50% cheaper than other Slate roof suppliers. We provide a written quote within 24hrs in most cases, just as soon as we have the details of your site, whether it's a new home or a replacement roof (replacement roofs can be measured using Google Earth, we just need your address).

## STRONGER



The Nulok roofing system uses zincalume steel battens and channels rather than the old wooden batten system. Nulok battens, channels and clips interlink providing an even more robust installation against severe weather.

## LIGHTER



The Nulok roofing system is lighter than wood based alternatives at only 27kg per sq metre and uses less tiles to complete the roof. This means that the roof itself is lighter, which in turn may have a significantly positive impact on the structural cost of the lower part of the house as a Nulok roof falls into the Light Timber Frame Code.

## SAFER



The unique tile clips used in the Nulok roofing system mean that the tiles are more secure than when nails are used. There is little chance of tiles loosening and falling to the ground unlike slate tiles that can release from their nail holes after time. Further the Nulok roofing system is an all metal construction, an important consideration if the house is situated in a fire danger zone.

## LOW PITCH SOLUTION



The Nulok roofing system can be installed at a pitch as low as 5 degrees to vertical if required. Unlike others roofs the Nulok system locks tiles or slates in tightly with stainless steel clips. We install an extra heavy duty sarking base to achieve this.

## INTEGRATED SOLAR INSERTS



Nulok is the only roofing system with Nulok Solar Inserts that integrate alongside the tiles making the installation invisible from the ground. This unique system ensures that the roofline remains clean unlike many other solar panels that are attached to the actual roof's surface.

## FAST INSTALLATION



Nulok requires less tiles per square metre covered and can be walked on immediately after installation, without tiles cracking under the weight of the tradesmen thanks to the unique locking system. There is often no need for scaffolding as a safety rail is sufficient, this makes the whole installation simpler, faster and safer.

## NO WASTAGE



No nails are used in the installation of tiles on to the battens of the Nulok roofing system which eliminates the main cause of roof tile wastage. There is no need for a cost contingency for tile over run as the amount of tiles calculated for the installation is finite.

## SIMPLE TO REPAIR



Should a severe weather or unforeseen incident rupture the roof tiles, your Nulok roof can be repaired easily and quickly. Fast tile replacement without intrusion is a key feature of Nulok where removal and replacement can be completed quickly and easily.

## 50 YEAR WARRANTY



Only Nulok offers a 50 year warranty on your roof, which is a great feature to share with your insurance company and may lead to a possible lower premium for you.

## NATURAL SLATE



## CERAMIC TILES



## SOLAR INSERTS



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for a quote within 24 hours.

# NATURAL SLATE

BEFORE



AFTER



Slate, being a natural product, will vary in thickness, colour and strength. Slate has very low porosity (approx. 0.4%). A clay tile has a porosity of 2-10% and concrete 3-20%. Low porosity is a feature that equates with a long lifespan. In very cold climates the freeze/thaw cycle will damage the roofing tiles even more rapidly.\*



*Natural Slate with Solar Inserts*

# CERAMIC TILES

BEFORE



AFTER



Nulok™ produces a high temperature Vitrified Ceramic Tile. The long life characteristics of Natural Slate are retained, but being man-made, they have the advantage of size, thickness, strength and quality control. Nulok™ Ceramic Tiles have very low porosity – water absorption of approx. 0.05%, which contributes to an exceptionally long life. Added to this is their strength (you can walk on them) and thin profile/shadow-line at just 7.5mm. Not surprisingly, we offer a 50 year guarantee.



*Ceramic Tiles with Solar Inserts*

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# SOLAR ROOF INSERTS

The Nulok solar roofing inserts convert light directly into electricity, without generating any waste or harmful greenhouse gases, saving approximately 450kg of carbon dioxide emissions per year for each kW peak installed. (Kilowatt (kW) peak – PV cells are referred to in terms of the amount of energy they generate in full sunlight).



# TECHNICAL DATA AND CERTIFICATIONS

The Nulok™ Roofing System offers a straightforward, efficient method of installing both Natural Slate and Nulok™ Ceramic Tiles. This incredibly robust system incorporates Zinalume Battens spaced at 307mm. Locked in place between the battens are Nulok™ Link Channels, each possessing a stainless steel clip used for securing the leading edge of each slate. This Link Channel eliminates the need for side double-lapping of slates because water passing through the slate is routed by the Link Channel onto the surface of the slate below.

## Tests Performed on Nulok™ Ceramic Slate Tiles

Tests performed by CREAM Building Technology Laboratory (UK)

- BS EN 538 1994 - Flexural Strength Test
- BS EN 539 1994 - Physical Characteristic Impermeability Test
- BS EN 539/2 1998 - Frost Resistance Test
- BS EN 1024 1997 Geometric Test
- BS EN 1304 1998 Product Definition and Specification Test

## Test performed by Turin Polytechnic (Italy) Dept of Geological Resources and Territory

- Water Absorption
- Resistance to indirect traction by means of bending
- Resistance to indirect traction by means of bending after freezing
- Resistance to alterations caused by weather

## External Fire Exposure

- BS 476: Part 3 1958

## Simulated Static and Cyclic Wind Uplift Test

Passed Wind Classification upto and including C2 (cyclonic wind test).

## Test performed on Nulok™ Fixing System

AS 2050 1989 Weather Effectiveness of Roofing System Structural

- Upwards to ultimate
- Upwards to serviceability
- Downwards to ultimate
- Downwards to serviceability

Florida Building Code Test Protocol TAS100-95 – test procedure for wind and wind driven rain resistance of discontinuous roof systems.

It's the technically superior fixing system that makes a Nulok™ roof such a sound decision



1 Firstly patented Zinalume Battens are fixed to the rafters in the conventional way replacing traditional timber battens.



2 Then specially designed Link Channels are snap fitted to the battens to form an interlocking grid system.



3 And finally Ceramic Tiles, Natural Slate and Solar Panels are slotted into place and held by special stainless steel clips.

## CUSTOMER TESTIMONIAL

*Our new roof has met or exceeded all expectations and looks sensational. I have had a number of favorable comments on the finished look from friends and neighbours.*

M. Bowen, Cremorne Point

## CUSTOMER TESTIMONIAL

*We have had extremely positive comments from our neighbours and friends on the transformation. We had the house revalued this week and are quite confident we have more than recouped the cost of the roof.*

C. Di Miglio, Sandringham

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