

Largest importer of premium quality
slate and stone in Australia



BELLSTONE
STONE AND SLATE SPECIALISTS

*'Welsh slate has been the superior
roofing for Australian buildings since
it was first brought here in 1829.
All our most important historic
monuments have slate roofs.'*

Clive Lucas, Senior Partner,
Clive Lucas Stapleton Architects

slate roofing



www.bellstone.com.au



Which Welsh slate?

When people refer to Welsh slate they're almost certainly talking about slate from Penrhyn Quarry—a resilient purple-blue slate around 500 million years' old and one of the geological wonders of the world. During the 1800s there were three other quarries in north Wales producing similar coloured slates but Penrhyn is the only survivor. Penrhyn is now the largest open cut roofing slate quarry in the world, with enormous demand for its famous 'heather blue'.

Welsh slate—guaranteed 100 years

Welsh slate is the outstanding winner

Slate continues to be the first choice for Australian roofs.

Many of us immediately associate slate with its iconic appearance, but it's also the strongest, most durable, longest lasting and most natural roofing material available. It's due to all of these factors that slate roofs have a historical and ongoing association with the most admired and important Australian buildings.

Historical popularity

Slate has been used on roofs for thousands of years for good reasons. Slate is:

strong, dense and durable

impermeable to water

fire resistant

weather resistant

UV resistant

unaffected by salt air

stronger at a lower weight than man-made materials.

Slate is also cost effective—it's the least expensive roofing material when you amortize its cost over a 100-year lifespan (UK study).

World-class trademarks

All Bellstone slates have these six vital credentials:

- They achieve ASTM S1*—the toughest standard in the world.
- They comply with international standards, based on testing by independent authorities.
- They are quarried from rare seams of high quality, fine-grained rock.
- They are renowned for the consistency of their colour and texture.
- They are hand split in the traditional way.
- The quarries have world-class management and QA systems.

Welsh slate will give you a 100-year guarantee

The first roofing slates imported to Australia (in the 1820s) came from the quarry in Wales that is still producing the best quality roofing slate available worldwide: Penrhyn. **Bellstone & Slate** is the sole Australian distributor of Penrhyn slate—the prince of slates and the only slate to carry a written 100-year guarantee from the quarry itself.**

And we fully expect it to outlast this—its durability is legendary.

Be part of this tradition

By choosing Welsh slate your building can become part of this legendary tradition. But we can offer you other premium choices as well. Bellstone imports and distributes a select group of four of the world's finest roofing slates. We do this because Australia's passion for slate is continuing to grow. After 150 years many historic buildings are being restored with new Welsh slate under the watchful eyes of heritage architects. Many new homes feature slate roofs too. So, while continuing to supply Welsh slate for both heritage and contemporary building projects, Bellstone now also imports premium quality slate from Canada and Spain. The variations between them are subtle but the quality is consistently rock solid.

'Bellstone's Welsh slate really is the Rolls Royce of roofing with an unmatched guarantee. Bellstone has been supplying us with Welsh slate since 1991—the company is friendly and reliable.'

Thomas Nielsen,
H G Nielsen & Co. Pty Ltd



75+ years for all Bellstone slates

Trinity roofing slate— the heritage alternative

Trinity roofing slates are so close to the Penrhyn in both colour and chemical make-up that architects specify them for heritage restoration work despite their Canadian rather than Welsh origins.

Current and historical data indicates that the two slates have similar physical and mechanical characteristics. This is consistent with geological evidence suggesting that north Wales and Newfoundland were attached to each other about 600 million years ago.

Trinity slate comes from the same geological era as Penrhyn and its colour difference is indistinguishable to the untrained eye. The slates are more plum-coloured, often with grey hues that create a slightly stippled character—very appealing.

'Bellstone has always provided prompt delivery and wonderful service. I've been using Bellstone since 1991—they've been incredibly helpful and reliable—they're totally committed to quality.'

Damian Hand, Mr. Shingles
Roof Slating & Shingling Pty Ltd

Glendyne roofing slate— a brilliant new slate

Imported from Quebec, Glendyne slates are very impressive. They have a handsome grey-blue colour that is unique and highly sought after. The response we've received since importing this slate has been wildly enthusiastic. With their world-class highest possible durability rating (ASTM S1*) Glendyne slates are on track to be the most widely used slate in Australia.

Glendyne Quarry is impressive too. It's one of the most modern slate quarries in the world with a quality management system that is without peer. Its masons are protected by stringent OH&S policies and its ultra-strong packing crates are manufactured on the property from timber cut in the surrounding sustainably-managed forest.

'Glendynes are top quality slates. They're square and uniform with a pleasing, smooth finish. They lie beautifully flat on a roof with no visible flaws. We've used Glendynes on 4 of our last 5 projects—they're very popular, for a good reason.'

Heath Westwood,
Westwood Roofing Pty Ltd

Cupa R6 roofing slate— the distinctive dark grey

Cupa R6 slates are produced at the Los Campos Quarry in the north-west of Spain. Cupa owns and operates many quarries in Spain, all of which are required to be identified with discrete numbers. After years of experience we've found that the ASTM S1 slate from quarry no.6 performs the best in Australian conditions. There are two grades of slate produced from this quarry but as with all our products we import only the no. 1 choice ('primera') material which is signified by the letter R. The slates are therefore called Cupa R6's.

The slate from this particular quarry is very consistent, cleaves thin and lies flat on the roof with very few 'kickers'. It's charcoal grey-black in colour and has a very fine grain and smooth surface.

'Cupa R6 slate has a long standing reputation of being best quality, and Bellstone product is 1st class—always.'

Roy Loats,
Ram Roofing Pty Ltd

* American Society for Testing Materials (ASTM) grade S1: durability in excess of 75 years.

** Upon request, Welsh Slate will write a 100-year guarantee specific to each individual project—subject to certain conditions being fulfilled e.g. the slate being fixed in accordance with British Standards by a licensed roofing contractor.

Free offer

For samples of any roofing slate or stone product, or a free consultation with our technical adviser, please contact us.

Contact Bellstone

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The environmental choice

Slate's environmental credentials are impeccable too. The stone is simply quarried and hand split with a hammer and chisel, requiring no chemical treatment. It outperforms all manufactured roofing materials while being resistant to fire, water, heat, cold, pollution and salt air.

About Bellstone

Bellstone & Slate Pty Ltd was established in 1991 as the sole Australian distributor of Welsh slate. Since then we have been invited to distribute Cupa, Glendyne and Trinity slates, providing architects and roofing companies with a choice of the finest, ASTM S1-rated roofing slates in the world.

We also supply stone tiles, pavers and wall cladding, importing only premium lines of sandstone, slate, quartzite, travertine, limestone, bluestone and granite.

Our products are 100% satisfaction guaranteed

Bellstone is committed to excellence and will replace any product that fails to meet specification.

Roofing slate specifications

Slate type	Penrhyn Capitals	Trinity 4s	Glendyne	Cupa R6
Country of origin	Wales	Canada	Canada	Spain
Quality	Premium	Premium	Premium	Primera
Size (mm)	500 x 300	508 x 254	508 x 254	500 x 250
Thickness (nominal)	6 mm	4–6mm	4–5mm	4–5mm
Weight/slate (kg)	2.23	1.69	1.78	1.45
Coverage* (slates/m ²)	15.4	18.5	18.5	18.5
Weight/m ² * (kg/m ²)	34.3	31.3	30.7	26.8
Colour	Heather blue	Heather	Blue-grey	Black

*Calculations based on a 75 mm lap and a 5 mm joint gap.

Roofing slate performance—test results

Bellstone slates equal or better the 'world's best' benchmarks in every test:

Tests	Standard	Penrhyn Capitals	Trinity 4s	Glendyne	Cupa R6	World's best
Water absorption (%)	ASTM C121-06	0.19	0.25	0.21	0.29	< 0.25
Durability grade (S1, S2 or S3)	ASTM C406-06	S1	S1	S1	S1	S1
Service life (years)	ASTM C406-06	75+	75+	75+	75+	> 75
Modulus of rupture (MPa) – longitudinal	EN 12326-1:2004	91	85	77	74	> 62
Absorption class (A1, A2 or A3)	EN 12326-1:2004	A1	A1	A1	A1	A1
Freeze thaw class (T1, T2 or T3)	EN 12326-1:2004	T1	T1	T1	T1	T1
Sulphur dioxide exp. class (S1, S2 or S3)	EN 12326-1:2004	S1	S1	S1	S1	S1
Norme Francaise (French standards)	NF 228, NF 32-301, NF 32-302	✓	✓	✓	✓	✓

Source: data supplied by each quarry

In the unlikely event that there is concern over product quality, please contact Bellstone while the stock is being unpacked. We cannot respond to claims on product quality made after the product has been laid.