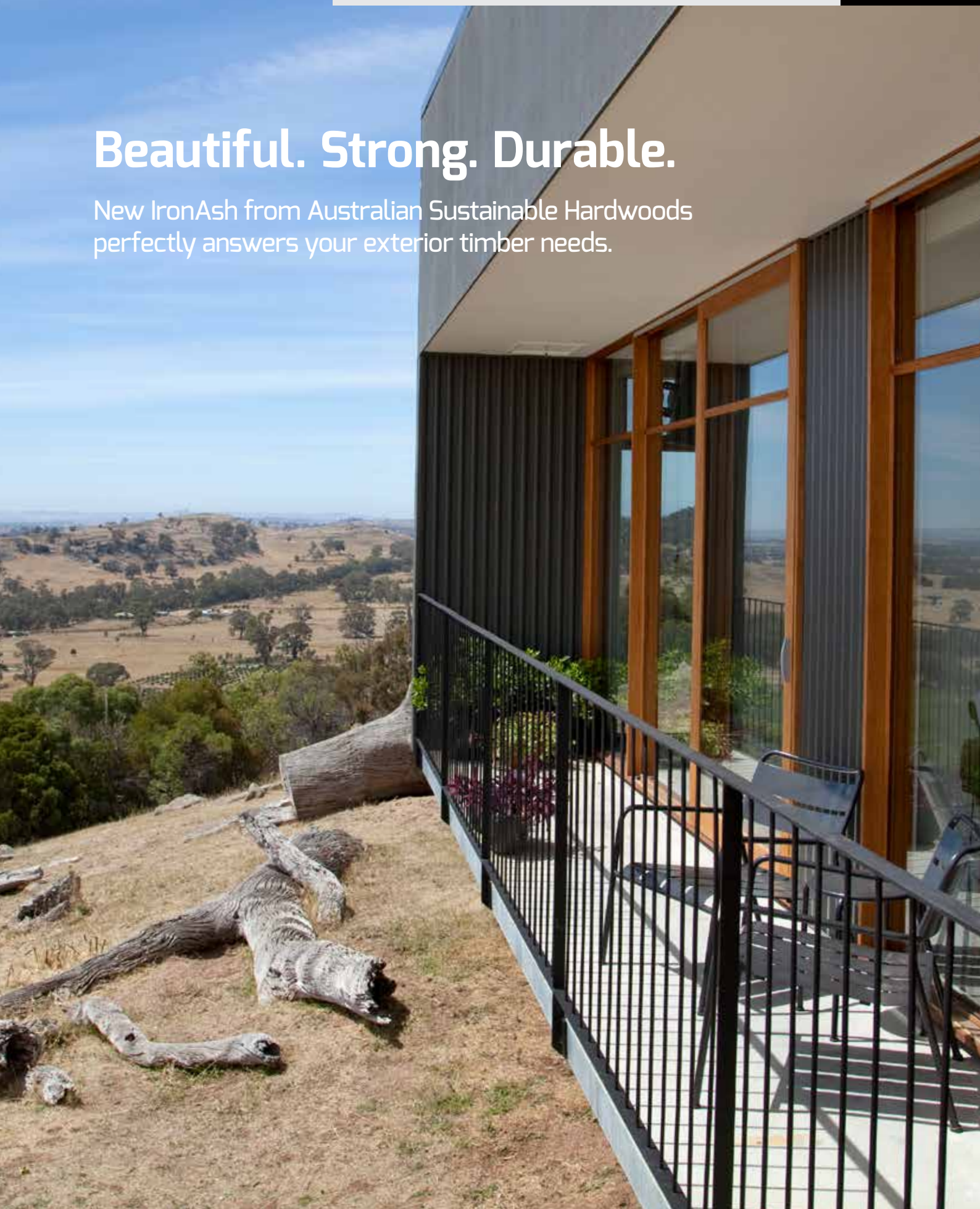
IRONASH®

ASH



Beautiful. Strong. Durable.

New IronAsh from Australian Sustainable Hardwoods perfectly answers your exterior timber needs.

As beautiful as it is durable. And guaranteed to perform. That's IRONASH.

Our competitors sometimes argue that Victorian Ash is not durable enough for use in external applications. Exquisitely beautiful, yes. Affordable, yes. But too prone to the weather to be practical? Until now, that is. In the biggest news to hit the timber industry in years, new IronAsh uses innovative technology to combine an invisible and unique combination of water-based additives deep into the core of GoodWood Victorian Ash. Fully infused with protection, IronAsh multiplies your choices. Treated to H3 classification, IronAsh can now be used in any build to allow the continuous flow of timber design from inside to out.

That's why IronAsh is a great choice for your building project: being able to specify the same wood internally and externally now ensures a seamlessly beautiful finish and absolute customer satisfaction. Plus IronAsh can be easily cut, stained and painted on site.

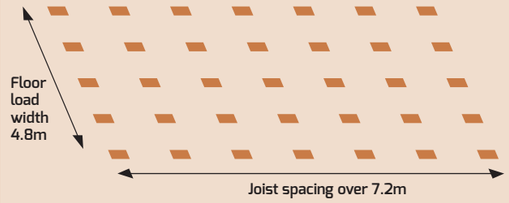
IronAsh is stronger. To be blunt, we've got the opposition stumped.

The good news continues. Just look at IronAsh's properties when used in sub decking : a deck of 4800 x 7200mm using IronAsh bearers and joists will require only 15 stumps as compared to an F7 treated pine which will require 35 stumps. The cost of material for each product is similar but the difference is clear. Not only will this save a day in labour but a hardwood joist has double the nail holding ability of treated pine which ensures the quality of the deck for years to come.

Time is money. And F17 provides strength and nail retention too.

F7 TREATED PINE

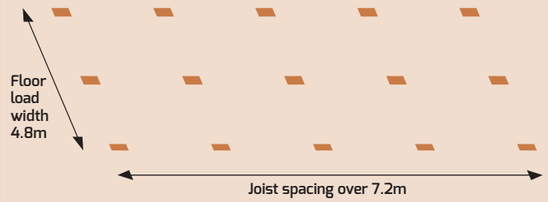
35 stumps



Approximately 10 hours, materials approximately $1400

F17 IRONASH

15 stumps



Approximately 3.5 hours, materials approximately $1400

Flexible. And guaranteed.

Available in 35, 45 & 70mm thicknesses x 90, 120, 140, 170, 190, 240, 290mm widths up to 7200mm long, IronAsh now comes with a 25 year guarantee for decay.

So many uses outdoors.

Pergolas

IronAsh gives a beautiful appearance to pergolas that can be stained or painted. Stronger than alternatives, with a longer span than alternatives and less bulky, laminated pergola material is available in 90-290mm x 45mm.

Decking

Blonde, strong and hard wearing. Available in 70 x 19, 90 x 19 in random length or set length finger jointed of 5.4m, IronAsh lets you offer a deck that matches floors, windows, architraves and cabinetry.

Cladding

Available in random lengths or finger joined set 5.4m lengths, IronAsh is easy to work with, straight, good to nail and takes stain well.

Screening

Available in random length longs or finger joined set lengths of 1.8, 2.1, 2.4 or 5.4m. Straight and hard wearing. Sizes range from 45 x 14mm, 70 x 14mm, 70 x 19mm, 90 x 19mm, 120 x 19mm, 140 x 19mm, 40 x 30mm, 60 x 30mm, 40 x 40mm, 60 x 40mm, 90 x 40mm.

Windows

A timber window is a high energy performer and visually stunning. The use of IronAsh now means it will last longer. Available in profiled sizes.

Guaranteed to Perform:

We are so sure of new IronAsh that we are delighted to offer a 25 year guarantee that it will exceed or meet all Australian "H3" standards for exterior timber decay and termites. Full details of the scientific background for this dramatic guarantee and technical data for IronAsh generally can be found at vicash.com.au/ironash.

	Tru-Core® Process	LOSP
Full sapwood penetration	✓	✓
Heartwood penetration	✓	✗
Exceeds Australian Standards by +20% further penetration	✓	?
Durable protection	✓	✓
Listed by CodeMark	✓	?
For both exterior and interior use	✓	✗
Non Solvent Carrier	✓	✗
Patented penetration system	✓	✗
Preservative is registered	✓	✓

Everything you want in External Timber

WATER BASED

STAINS WELL

INSECT PROTECTION

MACHINES WELL

CONSISTENT COLOUR

SUSTAINABLE REGROWTH

H3 DURABLE

VERY STRONG

LOW EMBODIED ENERGY

IronAsh: timeless beauty that's perfect for the 21st century

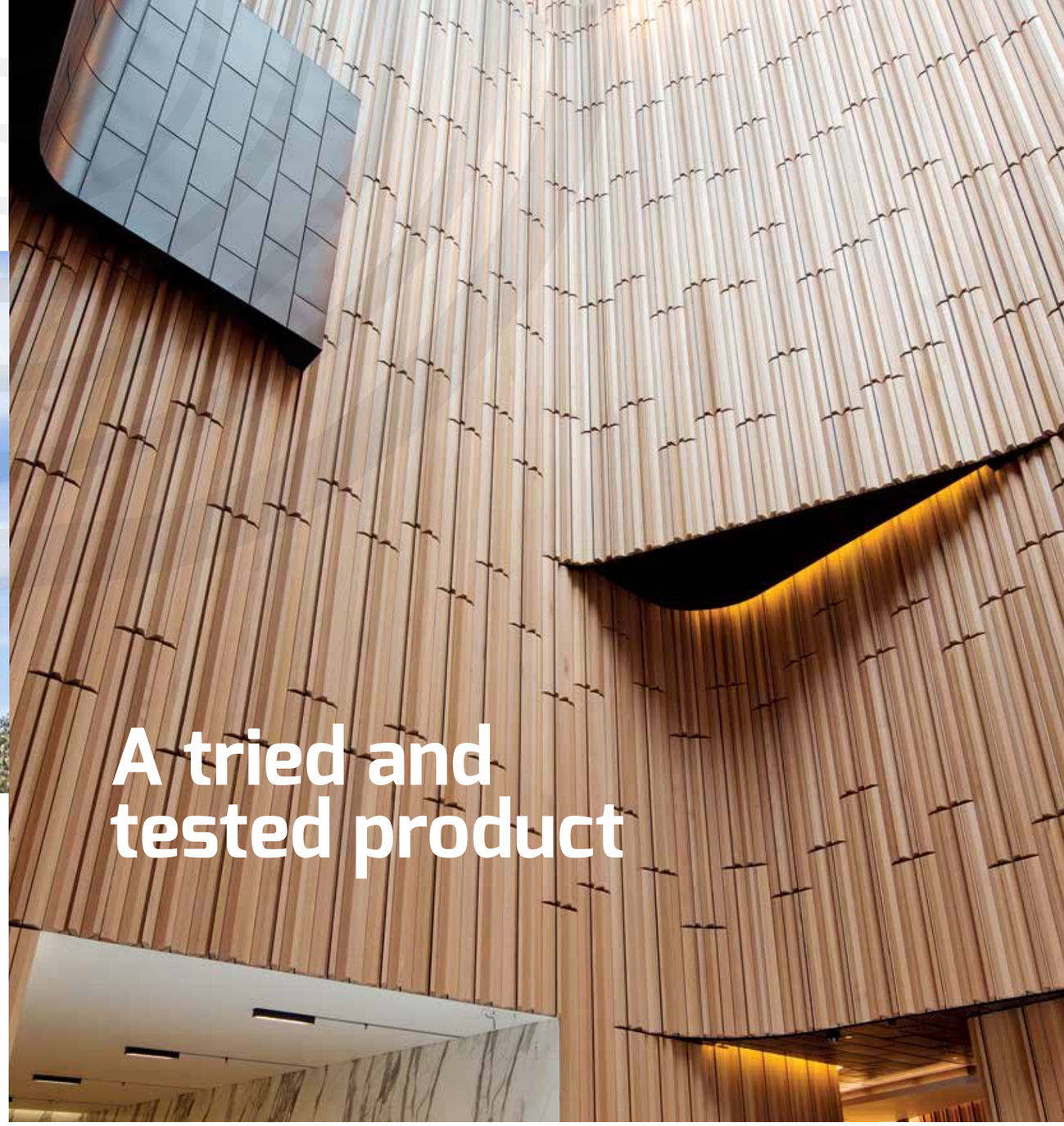
In today's environmentally aware world, you can recommend and select IronAsh and be sure that you're doing the best you can for our planet.

Of course we know that timber boasts numerous positive workability attributes over alternative building materials such as steel, concrete, plastic and aluminium.
It is easy to cut, shape, nail, bend, offers predictable fire performance, can be re-coated as fashions change, and its extraordinary beauty has delighted for generations. But its environmental attributes truly recommend it for today as it is a 100% renewable resource, and has a much lower embodied energy/carbon factor than the alternatives.

Embodied energy for common building materials

Material	PER embodied energy MJ/kg
Stabilised earth	0.7
Kiln dried sawn hardwood	**2.0**
Clay bricks	2.5
Kiln dried sawn softwood	3.4
Plasterboard	4.4
Cement	5.6
Plywood	10.4
MDF (medium density fibreboard)	11.3
Laminated veneer lumber	11.0
Glass	12.7
Galvanised steel	38.0
PVC (polyvinyl chloride)	80.0
Plastics – general	90.0
Synthetic rubber	110.0
Aluminium	170.0

Source: Lawson 1996



A tried and tested product

IronAsh is the result of years of painstaking research by Australian Sustainable Hardwoods and our partners. The Tru-Core® treatment process that creates this remarkable product has over 10 years history of proven durability in USA with non-durable species for use in railroad sleepers, cladding and so forth. Over 2 years of research and development with GoodWood Victorian Ash saw the preservative used to protect IronAsh registered by the APVMA, and a code mark developed for the Tru-Core® process treated wood that exceeds the penetration required by Australian Standards AS1604-1.

Tru-Core® is a responsible, non-noxious, water-based treatment that includes insecticides to combat pests and azoles to fight decay. It gets deep into the core of the wood so we can cross cut, trim and mitre without reapplying. And there's no need for re-drying afterward. Over 2 million m^3 of wood was given the Tru-Core® process treatment in 2014.

What should you do now?

To place an order for IronAsh speak to an IronAsh specialist on **03 5139 7001**.

- To find out more about the product, head to **vicash.com.au/ironash**
- To find out more about the GoodWood range of timbers, head to **vicash.com.au/goodwood**
- To discuss an application or project, please email our project advisory specialists on **sales@vicash.com.au**

Your request will be treated as completely confidential and no commitment is assumed.

ASH®

Australian Sustainable Hardwoods