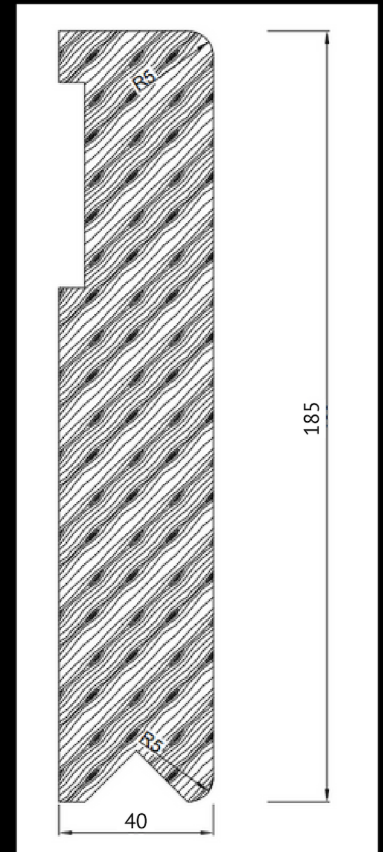


nature's steel

NSC-01 - 185x40mm Nature's Steel Crashrail



About the NSC-01

NSC-01 - Nature's Steel crashrail is the mainstay of Nature's Steel crashrails. It's versatility sees it used in numerous buildings including hospitals, aged cares, hotel and education. Made using a unique strand-woven bamboo method, the Nature's Steel material is extremely durable, yet also very environmentally sustainable. It is available in 4 different finishes. It looks sleek and beautiful, but don't be fooled. It's slimline appearance masks its virtually indestructible character.



Durable

- Janka hardness rating 3-4 x traditional Australian hardwood timbers (Strand-woven material)
- 25 year durability warranty



Sustainable

- Made from bamboo; with a growing speed of up to 1m per day it is the fastest growing plant on earth
- Ready to harvest within 4-5 years compared to 85+ years for native Australian hardwoods
- Harvesting bamboo doesn't harm the mother plant, like logging does
- Not subject to native logging bans across Australia (as of 2023 approximately 70% of Australian hardwood was supplied by logging)



CO2 Neutral

- CO2 neutral during the product lifespan
- No use of fungicide in production

Our Mission

We're on a mission to save 2030m³ of native Australian forest timber from logging by 2030.

#2030by2030

Nature's Steel was born out of the logging bans across numerous Australian states, seeking to limit the destruction of our native forest and threatened species, from logging. With an estimated 70% of Australian hardwoods being sourced from native forests, bamboo, which is the fastest growing plant on Earth, is a highly sustainable alternative.

Available Colours



Ghost Gum

Strand Woven or Laminated



Ebony Night

Strand Woven



Dark Hazel

Strand Woven



Native Oak

Strand Woven or Laminated

Tech Specs

	STRAND WOVEN	LAMINATED
Janka Hardness	15.8 kN	5.9 kN
Density	1170 kg/m ³	700 kg/m ³
Moisture Absorption	0%	0%
Antimicrobial Resistance	99.9%	99.9%
CO ₂ Neutral	✓	✓
Dimensional Stability (width)	+0.9%	+0.9%
Modulus of Elasticity	13204 N/mm ²	18876 N/mm ²
Bending Strength	53.6 N/mm ²	39.8 N/mm ²
Warranty	25 years	25 years
Substances of Very High Concern (SVCH) >0.1%	N/A	N/A

Installation Summary

- Ensure wall is final painted before installation and that continuous noggins are installed within the wall. If no continuous noggin is installed in the wall it may be possible to locate the wall studs for fixing, however this is not recommended.
- Measure the length of the wall
- Provide the length of the wall to Acculine and advise the required deductions i.e. stop & start distance
- Cut the wall battens 100mm shorter than the length of the handrail and fix it to the wall using 40mm self-tapping coarse thread screw, centralising it from left to right. Fixings should be at approximate maximum 500mm spacings
- Lift and position the crashrail length onto the wall bracket. Pre-drill a 5mm pilot hole up into the groove underneath the crashrail on a 45 degree angle
- Fix the crashrail to the wall using a 40mm self-tapping coarse thread screw, ensuring that it pulls in tight against the concealed wall noggins

Cleaning & Maintenance

In order to keep the NSC-01 Crashrail in good condition, ensure that it is cleaned regularly with a non-abrasive cleaning agent and damp cloth. Ensure all fixings are checked for tightness on a regular basis and tighten as required.