

Certificate No. NESA-T172

Version No. 1.0

Certificate type *Restricted*

Approval date **24 June 2026**

Approved by **A/Manager Engineering Services**

ARTC Inventory Product No.

ARTC Inventory Product No.	Sicut SKU Number	Nominal Sleeper Dimension
002005339	SCS13252600	133mm x 255mm x 2600mm
002005340	SCS15252600	153mm x 255mm x 2600mm

This certificate is issued to

Supplier Sicut Australia Pty Ltd

In respect of

Manufacturer Sicut Australia Pty Ltd

Product description Sicut Composite Sleepers

Supplier product no.

Sicut SKU Number	Nominal Sleeper Dimension
SCS13252600	133mm x 255mm x 2600mm
SCS15252600	153mm x 255mm x 2600mm

Application Limited to the locations below

- Morandoo Road 6
- Galong (Up Goods Siding)
- Grafton Yard (No. 5 Down Siding)

Relevant standards N/A

Conditions of Approval

Supplier:

1. All relevant Rail Safety and WHS requirements must be complied with.
2. A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.
3. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

4. Supplier to provide Certificate of Conformity to confirm supply is in accordance with relevant standards and this type approval.
5. Supplier to organize additional training for the maintenance team when needed.

ARTC:

6. Any additional location must be endorsed by the Manager Engineering Services.
7. Early adoption sites shall be subject to enhanced monitoring, with all inspections to be raised, managed, and executed through Work Orders by the Project Manager, including monthly inspections for the first three months, followed by bi-monthly inspections up to 12 months.
8. Project Manager shall raise a H360 action to Asset Strategy team to submit the initial performance review report at the completion of 12months to Standards.
9. Operations team to report ongoing performance issues to the Manager Engineering Services.
10. Staff shall be briefed on the use of the product, and all work must comply with
 - Manufacturer’s Sicut – Storage, Handling & Installation Guide and Sicut AUS MSDS Version - Rev 1.0 (available on SharePoint).
 - External Contractors to develop appropriate SWMS.
11. Interspersing composite sleepers with timber sleepers is permitted only on non-mainline tracks.
12. To be installed at nominal spacings no greater than 600mm.
13. Application of Sicut Sleepers shall be according to following requirement

Sleeper Dimension	Weight (Kg)	Axle Loading (TAL)	Maximum Speed (Kmph)
133mm x 255mm x 2600mm	75	25	80
153mm x 255mm x 2600mm	85	25	120
153mm x 255mm x 2600mm	85	30	25

14. Ballast Profile and depth as per ARTC standards for timber sleepers.
15. The composite sleeper location shall be recorded in the ARTC’s EAMS.
16. Composite sleeper locations shall be included in the Track Stability Management Plan as special location.
17. Sleepers installed in mainline shall have creep monitoring installed and maintained as well as curve alignment installed and maintained for curves <400m radius. These locations shall be monitored according to the TSMP Plan.
18. Resilient fastening system shall be used with minimum four (4) screws to secure the baseplate to the sleeper. The screws shall not be used to secure the rail.
19. Hole dimension and drilling process and details shall be in accordance with manufacturer’s Storage, Handling and Installation guide.
20. Not to be used within the limits of Switch and Crossings (S&C). S&C limits are typically within 5m of the switch tip and up to two plainline sleepers beyond the last long bearer.

Issue date 24/06/2026 **Expiry date** N/A
Issued by ARTC Manager Engineering Services

Attachments / Approved item list (if applicable):

- Manufacturer's Sicut – Storage, Handling & Installation Guide
- Sicut AUS MSDS Version - Rev 1.0 (available on SharePoint)
- ARTC Sicut Composite Sleeper Risk Register

The following additional document has also been provided by the Sicut Composite sleepers.

- AS Compliance
- Type Approval
- Other Standards Compliance
- Supply summaries
- Case Studies
- Example projects
- ISO Certifications
- Product Drawings
- Technical References
- Environment & Sustainability
- Sicut Documents
- Aerosol Monitoring- Certificate of Analysis