

STRAILWAY – is ECOLOGICAL

STRAILWAY is a robust polymer sleeper designed for the most demanding sections of the rail network – from bridges and turnouts to main lines.

Manufactured from fibre-reinforced polyolefins, it combines outstanding structural performance with sustainability. The sleeper has successfully obtained approval from the German Federal Railway Authority (EBA) and is already in service on numerous railway lines.

Custom sleeper lengths straight from the factory allow flexible adaptation to site-specific installation conditions, ensuring optimal fit for every project.



FREE WORKSHOP ON-SITE!

Learn from our experts right on site.

- Hands-on demonstration of all processing steps
- Tool expertise right on your doorstep
- Your questions – our answers
- For your entire team

Book a workshop now:

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STRAIL[®]WAY

POLYMER SLEEPER



STRAIL

www.strail.com

ADVANTAGES of STRAILWAY

Whether used as track sleepers, turnout sleepers **up to 13 metres** in length or bridge sleepers, **STRAILWAY** provides a durable, cost-effective and easy-to-install solution for all railway applications - proven, certified and sustainable.

Advantages at a glance



100 % recyclable



better screw pull out forces
than wood/concrete



approved quality



maximum axle load 22,5 to



more than 50 years
of service life



track-, turnout sleepers
and bridge beams



can be processed
using standard tools



low carbon footprint



processable without special
protective equipment



STRAILWAY sleepers contain high-quality **polymer** and are made entirely without synthetic resins or steel reinforcements. This saves resources, reduces weight, and improves overall environmental performance.

Thanks to their homogeneous structure, they can be **easily sawn, milled, planed, or drilled** using standard HSS tools - without any health risks for workers. All machining residues are **100 % recyclable**.

STRAILWAY is the ideal alternative to wooden sleepers:

the polymer sleepers are resistant to rot, pest infestation and moisture, and require no environmentally harmful preservatives. With a **service life of more than 50 years** and the option for **customised machining on site** or according to customer specifications, planning and installation processes can be carried out flexibly and efficiently.

The sleepers are designed for **axle loads of up to 22.5 tonnes** and achieve an exceptionally long service life thanks to their **resistance to chemicals, UV radiation and ozone**.

Fastening options



Base plate fastening



Milled-in direct fastening

Good processability



Turnout sleepers extra long - up to **13 Meter!**