



SP!KE FAST

Repair railway timbers fast and effectively



Longer life and stronger than traditional timber rehabilitation products

Set and ready to drill in 20 minutes

As strong as new wood

Approved by Network Rail and London Underground

UNIPART
RAIL

SERVING THE WORLD'S RAILWAYS

Redefining Timber Rehabilitation

Timber rehabilitation remains an on-going issue on the railway. Older methods such as plug or screw inserts have a limited ability to hold baseplates, and moving timbers laterally to give baseplates 'virgin' wood for fixing is a difficult and time-consuming task.

SpikeFast is a simpler and stronger alternative. Under test conditions it has been found to be as strong or stronger than normal wood. See the table below for details.

Express

by Unipart Rail

This product is available for next-day delivery at unipartrailexpress.com

	SpikeFast	Unspiked Timber	Wood Plug
Spike Insertion & Withdrawal Force ^{#1}	6000	6000	4000
Lateral Resistance Testing ^{#2}	2250	1750	1350
Dynamic Roll-over Testing ^{#3}	6900	6950	3100

^{#1} To measure withdrawal force, the cut spikes were pressed in and pulled out using a large tensile/compression machine.

^{#2} Lateral test results were obtained by measuring the force needed to laterally deflect a cut spike head 0.2", which simulates rail gauge loss (ie widening between rails).

^{#3} For roll-over testing, 3 million 32,000lb loading cycles at 3Hz was applied vertically against a rail head to simulate wear typically encountered in the field.

Figures represent 'pounds' of force.

Approvals

- Network Rail Certificate of Acceptance PA05/05187
- London Underground APR228

Use and Storage

Track workers should use standard eye/skin protection and should refer to the in-pack guidelines and MSDS should they come into direct contact with the product.

Materials have a 12-month shelf life and are clearly dated with the packaging date.

Unused material over 3 months old should be 'turned' every four weeks to maintain material integrity.

Temperature range for application is -20°C to 50°C.

Can be applied in wet conditions with no adverse affect.



What's the right Spikefast for my problem?

SpikeFast is supplied in two versions - ET-75 and ES-50.

ET-75 is the most popular and useful material. It is a thick material which is best used for filling existing spike and coachscrew holes where the timber is generally in good condition.

ES-50 is a more 'fluid' product which flows into voids, so is best for timber where there has been deterioration leading to cavities.

Each cartridge set will fill 10-12 screw holes.

Learn More

Want to watch a video showing the effect of Spikefast?
<http://bit.ly/1aJHequ>

Need a demo? E-mail: enquiries@unipartrail.com



Catalogue Number	Description
0057/170000	Spikefast ES-50 timber plugging and repair resin. (1 box of 12 cartridges).
0057/170002	Spikefast ET-75 timber plugging and repair resin. (1 box of 12 cartridges)
Applicators	
0057/169990	Standard cordless applicator including charger and spare battery
0057/169991	Standard manual applicator
0057/170004	Mini applicator
Accessories	
0057/169992	Extra mixing tubes for use with ES-50 and ET-75 resin cartridges (packs of 10)
0057/169993	Replacement battery and charger for 0057/169990



About Unipart

The Unipart Group is a leading UK manufacturer, full service logistics provider and consultant in operational excellence. Operating across a range of market sectors, including automotive, manufacturing, mobile telecoms, rail, retail and technology, Unipart offers a breadth of services to a wide range of blue chip clients internationally.

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