

# NRS I Baseplate

Designed as an alternative to the Pan 11 and Pan 14 baseplates, and made from a lighter, stronger material, the NRS I baseplate can support both BS11 113A and CEN 60 E1 rail.



- At 8 kg, NRS I is lighter than Pan 11 and Pan 14 baseplates
- Cost-effective alternative to Pan 11 and Pan 14 baseplates
- Lower full life costs as insulators protect rail and baseplates from wear
- SG iron 500/7 is stronger than the cast iron Pan 11 and Pan 14
- Sleepers fitted with NRS I baseplate are easier to handle

Certificate of Railtrack Product Acceptance:  
PA05/722

Baseplate only: Cat N° 0057/004600

NRSI baseplated FSC hardwood sleeper: Cat  
N° FS57/069056

All smalls must be ordered separately (see  
overleaf)

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The NRSI Baseplate System is designed to ensure lower full life costs.

The complete system includes the NRSI baseplate, rail pad, insulators and clips. Clips, pads and insulators must be ordered in addition to baseplates or baseplated sleepers.

Catalogue numbers for the products are as follows –

Rail Section	Pads	Insulators	Clips
I 13A FB Rail	0057/048613	0057/048061 (gauge side) colour cream 0057/048062 (field side) colour blue	0057/048248
CEN 60 EI Rail	0057/048613	0057/048027	0057/048248

Use with 6-hole insulated joints as an alternative to the Pan I4 baseplate.



Because of differences in baseplate thickness, all baseplates on the joint sleepers must be changed. It is suggested that if replacing other than Pan I1 baseplates, new sleepers should be installed.

Recommended instructions for installing the NRS I baseplate with a 6-hole insulated joint are -

- (i) Remove existing Pan I1 baseplates and plug the single outer chairscrew hole in the sleeper with a hardwood plug
- (ii) Install the new 6-hole insulated joint centrally between the two sleeper beds
- (iii) Position the NRS I baseplates with pad such that the clips can be installed correctly in fishplate recesses
- (iv) With sleeper positioned to pick up inner chairscrew holes, insert ferrules and inner chairscrews
- (v) Install Pandrol clips
- (vi) Drill new outer chairscrew hole and install ferrule and chairscrew.

These instructions are intended to aid successful installation and do not replace any specific instructions issued by Railtrack or the installation contractor.

Note: Hardwood sleeper plug is available from Cat N° 0057/048484.

Available from:

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