

No: NRS 320

Network Rail Safety Bulletin

Trojan Trotred

For the attention of those on and about the rail infrastructure

Background:

There have been two incidents of falling, by railway personnel, whilst walking on Trotred. The product has been approved for slip resistance, but there have been incidents where, following removal of the lids to install cables, the side walls of the Trotred have been deflected inwards due to weight from adjacent ballast and preventing the lids from being replaced correctly. This causes the outer edges of the Trotred lids to be unsupported and move unexpectedly under the weight of footfall thus creating a trip hazard.

Picture of TroTred with lids fitted correctly



Picture of TroTred with displaced lid



Immediate Action Required :

Please ensure all Trojan Trotred lids are securely attached to the side walls and are not displaced from their correct positions.

Further action

Trojan are working to create a solution to the displacement of the TroTred lid. This involves;

- 1) redesigned lid to include lugs for the centre and increased antislip.
- 2) Further investigation and modelling by Trojan into the joint at the bottom of the trough to provide greater stability and resistance to side wall forces.

In addition the following technique should be employed when placing the lids in position. The outer edges of the lids should be positioned on the outer walls and the inner lid edges brought together, as in the picture below.



For further details contact: Neil Marsh, Head of S&SD, NRT