

# Fetteresso Railway Viaduct Bridge Refurbishment

Fetteresso railway viaduct bridge at Stonehaven, near Aberdeen was in need of refurbishment



Bolton company TI Coatings was commissioned to refurbish the bridge, including replacing the rotting timber on the underside walkway and along the trackside timber walkway.

TI Coatings used Fibregrip GRP for the replacement, as the material is lightweight and easy to install, with the neutral grey colour of the material fitting in with the aesthetics of the bridge.

Using lightweight GRP made installation easier as the installers needed to be able to bring the platform sections up to the bridge deck and put into place easily. Open mesh grating was used for both the under bridge walkway and the trackside walkway. However, where the bridge crosses the main link road to Aberdeen from southern Scotland (A90), for a 40 metre stretch on either walkway it was necessary to supply 28mm thick solid top grating in order to prevent any objects, such as stones, falling through the mesh on to passing traffic below.



Fibregrip fabricated the underbridge walkway sections in 3mtr units for ease of transportation and installation at site. The support beams were clamped in place using Lindapter fixings at 3mtr centres with walkway units bolted on top. Handrail was then fixed to the sides to enable speedy installation.

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