



Bonded Fill – Nuneaton Rail Link



Project details:

The void area was the vault around a tunnel over a river. The tunnel was made from brick. Lytag[®] 4/8mm lightweight aggregate was used in a 6:1 bonded fill. The lightweight bonded no-fines was used to reduce the dead weight bearing on the tunnel.

The density of the material used was 1150kg/m³. 400m³ was placed using a fibre membrane. Service ducts were also laid for electrical cables.

Project:
Nuneaton Rail Link

Date:
2003

Client:
Trans Rail

Structural Engineer:
Bullen and Co.

Main Contractor:
Carillion

Readymix supplier:
Tilcon

