

Rail bridge cappings

United Kingdom

Stainless steel was specified for the cappings and all associated support brackets for bridges of the Channel Tunnel Rail Link. This high speed rail line, which links London with the European continent, cuts through industrial urban suburbs, residential areas as well as coastal regions. The cappings had to fulfill high standards in terms of function, aesthetics and durability.

Each capping was supplied in a perforated pattern. The curved sheet metal added to the height of the walls - a key factor of their noise absorption capability - with only a minimal addition to the weight of the bridge. However, in the case of coated metallic materials, the cut borders of the holes would have been prone to corrosion, which made an intrinsically corrosion-resistant material a priority. The specialised polished finish applied to its exposed face served as an architectural feature.



Details

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| Environment: | Various, including urban and coastal |
| Fabricator: | Ancon Building Products, Sheffield (UK) |
| Product type: | Sheet |
| Surface finish: | Specialised polish |
| More information: | ancon.co.uk |