



Project: viaducts Bruges-Knokke
Performance: sept 2015-2017
Engineering office: Sweco
Contractor: Jan de Nul / Aswebo /
Franki Construct



Viaduct Bruges-Knokke

Project details:

- Maintenance of bridge drainage entirely on the bridge deck;
- No more hanging pipes under the bridge deck;
- Composite drainage system integration into the design;
- 60 cm space saving in width;
- Maintenance from the bridge deck;
- Weight saving through lightweight material;
- Increased traffic safety due to rapid drainage.

Product profile

Bridge Drainage

- ✓ Simple connection to the sewage system
- ✓ Lightweight and therefore cost effective in different aspects
- ✓ Material: SMC
- ✓ Certified in accordance with EN1433
- ✓ Weight category D400

How did Bridge Drainage support this project?

In cooperation with the engineering office, Bridge Drainage detailed and elaborated the technical requirements in the drainage drawing. Before the units were placed, Bridge Drainage gave instructions to the tradesmen and the contractor how the products should be processed and placed.

Advantages over regular drainage

By integrating the drainage into the kerbs, this bridge could be realized 60 cm slimmer. No more piping system under or in the bridge! Instead of having a drilled hole every 10 metres, the drainage system is integrated centrally into the construction, making it very easy to install. Maintenance only twice a year.



Ready for service after 1 year



Maintenance by Franki Construct



Cleaned Bridge Drainage Unit

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