

Tuindersweijde, Obdam

Construction road reinforced with AsphaltX aramid fibres

PROJECT

During the development of the new-build project Tuindersweijde in Obdam, a solid and durable construction road was essential to give (heavy goods) traffic safe and efficient access to the building site.

For this project, a base layer and binder layer were applied, creating a stable and reliable temporary road. Once construction is complete, the final surface layer will be applied.

INNOVATIVE SOLUTION: ARAMID FIBRE REINFORCED ASPHALT

To prevent damage to the pavement caused by heavy goods traffic, the asphalt was reinforced with AsphaltX fibres. These aramid fibres provide:

- ✓ Increased strength and durability
- ✓ Less rutting and cracking
- ✓ Longer service life of the pavement

SUSTAINABLE AND EMISSION-FREE EXECUTION

The asphalt was applied emission-free by Dura Vermeer, an important step towards more sustainable road management. This was carried out on behalf of Anton Civiël & Infra, with the municipality of Koggenland as the ultimate end user. A total of 1,890 tonnes of asphalt was processed in this project.

PROJECT IN FIGURES

Location	Tuindersweijde, Obdam
Date	January 2024
Contractor	Dura Vermeer
Client	Anton Civiël & Infra

End user	Municipality of Koggenland
Asphalt processed	1,890 tonnes
Application	AsphaltX® (Twaron® Aramid fibres)

■ RESULT

With this project, we once again demonstrate that innovative fibre reinforcement contributes to cost savings, sustainability and a longer service life of asphalt structures.

Would you like to learn more about the benefits of aramid fibre reinforced asphalt? Please don't hesitate to get in touch!

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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