

Road construction - Bus Stop & Bus Line in Amsterdam (NL)



Application: Road construction
Object: Bus Stop & Bus Line
Size: ≈500 m²
Country: Netherlands
Year: 2018
Fibre: Concrix ES, 4.5 kg/m³

Description
 The bus stops and bus lines in the city of Amsterdam was constructed by the specialist company **Den Ouden**. The 22 cm fibre reinforced concrete slab on soil is constructed with cutting joints each 7,00 m including dowels which allows horizontal movement but prevented vertical movement of the slab. Surface - broom finish.

Key advantages of the Concrix solution for this project

- Lower cost for reinforcement (replacement of steel)
- LCA certified macro fibre, means less CO₂ consumption
- Less logistic costs and shorter construction time (replacement of steel)
- No corrosion and thus lower future maintenance cost
- Free of charge state-of-the-art static calculation (finite elements) based on latest standards (Eurocode 2)