NovoFi®

Soil stabilization technology

Improved Pavement Performance

Creation of a hydraulically bound base layer in-situ on behalf of the rehabilitation of a wasteyard in Annweiler, Germany

Jobsite report

Areas

Location
Annweiler
Execution
February 2020
Milling depth
35 cm







Factors of success

- > The whole rehabilitaion was completed on schedule
- Significantly faster realisation of the project compared to conventional technology
 - > Savings in time and money
- > The original soil material could be used to build a durable, frost-proof base layer with a high load-bearing capacity
- > Soil exchange could be avoided
- > Avoidance of delivery and removal of material
 - > secure, durable and environmentally friendly
- Installation of fiber-reinforced asphalt by using the reinforcement fiber NovoFi®
- > Reduction of asphalt thickness due to the use of the asphalt fiber NovoFi®



Initial situation





Spreading of the exactly defined amount of cement-NovoCrete® mixture per square meter (m²)





Milling of NovoCrete® ST 98 by adding water





Levelling of the fine level by using a grader





Compression of the fine level by using a smooth roller until the degree of compression is achieved





Area prepared with NovoCrete® ST 98



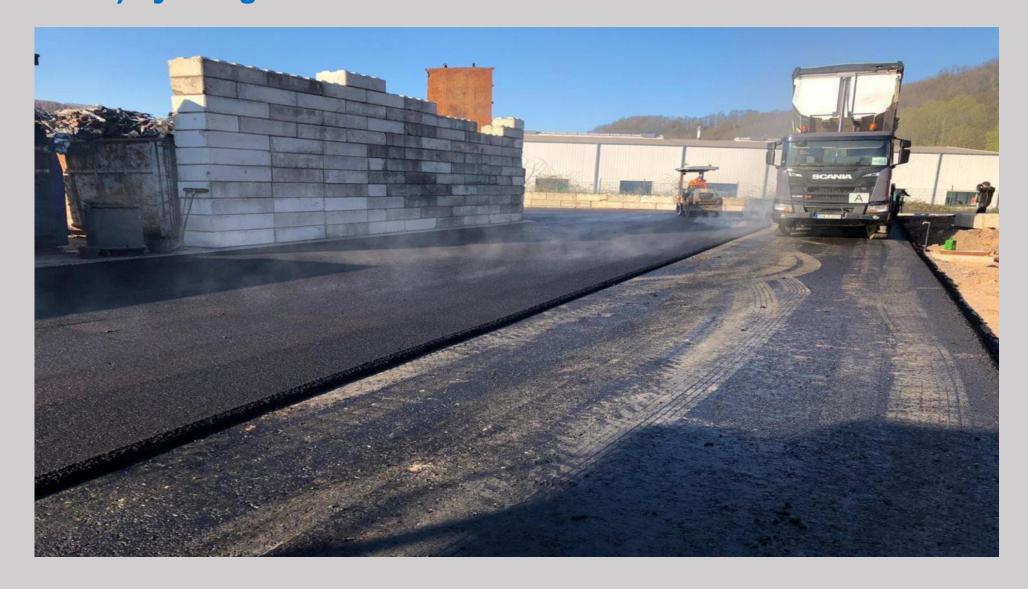


Installation of asphalt (10cm base course + 4cm asphalt wearing course) by using the reinforcement fiber NovoFi®





Installation of asphalt (10cm base course + 4cm asphalt wearing course) by using the reinforcement fiber NovoFi®





Completely rehabilitated area





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Please find further information on NovoCrete® and NovoFi® as well as further jobsite reports on application paths, roads, areas, foundations, railways and harbours on our website www.opis.ch

www.opis.ch



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