

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 rehabilitation 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



NovoCrete®

Soil stabilization technology

NovoFi®

Improved Pavement Performance

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

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