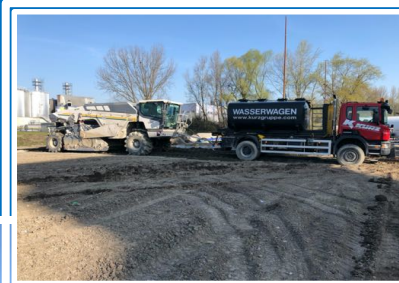


Creation of a hydraulically bound base layer in-situ on behalf of the rehabilitation of the premises of Stora Enso GmbH in Karlsruhe

Jobsite report

Areas

Location
Karlsruhe, Germany
Execution
March 2020
Milling depth
35 cm



Characteristics of this project

- > High loads on the area through truck traffic, maneuvering and loading
- > asphalt layers had always been destroyed by squashings and cart tracks and had to be restored with enormous efforts
- > use of the asphalt fiber NovoFi®
- > asphalt layers as well as asphalt thickness could be reduced

Factors of success for NovoCrete®

- > Significantly faster realisation of the project compared to conventional technology
 - > *Savings in time and money*
- > The original soil material (cohesive soil, not frost-resistant material, contaminated asphalt) 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*
 - > *saving of material*

Milled area



Spreading of the by lab exactly defined amount of NovoCrete® ST 98



Milling of NovoCrete® ST98 by adding a computer-controlled amount of water



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



Levelling of the fine level by using a grader





Quality assurance through geotechnical self-surveillance



Quality assurance through geotechnical self-surveillance



Road prepared with NovoCrete® ST98



NovoCrete®

Soil stabilization technology

Please find further information on NovoCrete®
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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