

Creation of a hydraulically bound base layer in-situ on behalf of the rehabilitation of a recycling park in Stuttgart, Germany

Jobsite report

area

Location

Stuttgart

Execution

April 2020

Milling depth

45 cm



Factors of success / Specifics of the project

- > **Alternative sealing concept according to the requirements of the plant-related water protection (WHG, AwSV)**
- > 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*

initial situation



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



Milling of NovoCrete® ST 98 by adding a computer-controlled amount of water



Levelling of the fine level by using a grader



Compaction of fine level by using a smooth roller until the degree of compaction is achieved



Area prepared with NovoCrete® ST 98



Area under operation



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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