

Creation of a hydraulically bonded base layer on behalf of the rehabilitation of Stresemannstraße in Stuttgart/Germany

Jobsite report

Road

Location

Stuttgart

Execution

May-Dec 2020 (4 sections)

Milling depth

35 cm



Characteristics of this project

- › 4-lane arterial road
- › Very busy road
- › It is one of the most important arterial roads leading out of Stuttgart city center
- › The construction work was carried out with one-sided closure of the road
- › The whole rehabilitation would not have been possible with conventional technology in the tight time frame

Success factors for NovoCrete®

- › The whole rehabilitation was completed on schedule
- › Significantly faster realisation of the project compared to conventional technology
 - › *Saving of time and costs*
- › 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*

Road before the stabilisation



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



Milling of NovoCrete® ST98 by adding water



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



Levelling of the fine level by using a grader



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



The logo for NovoCrete, featuring the word "NovoCrete" in a bold, sans-serif font. "Novo" is in blue and "Crete" is in grey, with a registered trademark symbol (®) to the upper right of the "e".

NovoCrete®

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foundations, railways and harbours on our website www.opis.ch

www.opis.ch



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