

SECURING OF A ROADSIDE SLOPE

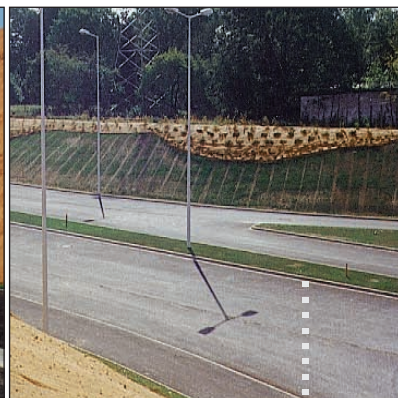
SOUTH RINGROAD

CHEMNITZ, GERMANY



PROJECT REPORT



**TITLE:****Extension and lengthening of a ringroad in Chemnitz, Germany****EMPLOYER
& ARCHITECTS:**

Straßen- und Tiefbauamt of the city of Chemnitz

DURATION:

Spring 1999 - Summer 2000

THE PROBLEM:

The density of built up area required the cut slopes to be of a gradient of 1:1 up to 1:1.5. The top soil consisting of gravel needed to be secured and quickly vegetated and at the same time had to be protected against surface erosion.

THE SOLUTION:**GREENFIELDS**® Mulch Blanket K 100 M and **HASTEC**® Ako Bond 15

The steep gradient and the ground consistency of the cut slope in the last part of the newly built ringroad required securing of the top soil using coir fencing.

In addition to the above measure, the newly placed top soil was protected by using a **GREENFIELDS**® Mulch Blanket, which acts against erosion and at the same time prevents weed growth until the final stage when plants were to be inserted.

- 3,500 m² of **GREENFIELDS**® Mulch Blanket and
- 1,800 m of **HASTEC**® AkoBond 15

were used for this project. The slopes and the sound barrier above were to be planted with suitable vegetation in the autumn 2000.

**Internationale Geotextil Gesellschaft mbH**

Oststraße 65 · 57392 Schmallenberg · Tel. +49 29 72 - 48 117 · Fax +49 29 72 - 48 119
Am Bahnhof 54 · 27239 Twistringen · Tel. +49 42 43 - 92 88- 0 · Fax +49 42 43 - 92 88-22