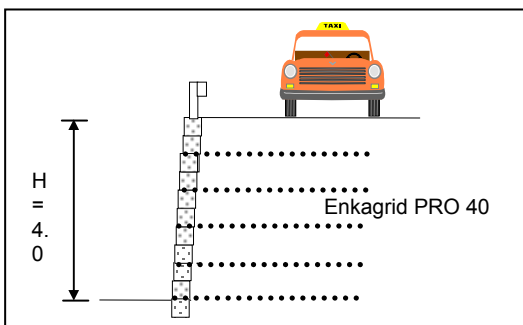


Location:	Saktigarh-Attagarh Road, India
Authority:	Public Works Department
Date:	April 2001 - June 2001
Product type:	Enkagrid PRO 40
Quantity:	4,200 m ²



By constructing a road from Saktigarh to Attagarh, the government of West-Bengal is opening up an important part of India. The road is leading through very wet areas and crosses several rivers.

For one of the bridges, the approach embankments are constructed with polyester soil reinforcement. The facing on both sides of the approach is made from segmental concrete blocks.

Z-Tech, Colbond's distributor in India, was asked to make a design proposal for two bridge abutments. The company used their block system together with Enkagrid PRO. Over the past years, Z-Tech has designed and constructed a big many block walls of this kind throughout the country.

The height of the embankments rises up to 4 m and both approaches have been built with a slight curve in the length. The blocks are 200 mm high, and between every second layer of blocks one layer of Enkagrid PRO 40 has been installed. Local sand with a high internal angle of friction was used as fill material.

Due to the easy step-by-step construction process the two bridge approaches were built in a very short time. Both the authority and the contractor were pleased with the speed of handling, cutting and installation of Enkagrid PRO in this application. Especially the width of 5 m of the Enkagrid PRO rolls allowing for faster installation showed to be a very advantageous characteristic. More block walls with Enkagrid PRO in India are scheduled for the near future.

Enkagrid PRO 40 has a quality control strength of 40 kN/m.

The data set forth in this photo leaflet reflects our best knowledge at the time of issue. It is subject to change pursuant to new developments and findings, and a similar reservation applies to the properties of the products described. We do not undertake any liability for results obtained by usage of this information or the products mentioned.



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