Data sheet
Construction road
„VIA –Flexx“

Mat / crosswise netting, precast modules, connectable to any faces, can be taken off and are reusable more than hundreds of times.

Deployment areas of VIA-Flexx-mats

Pavement for roads and faces

- mobile construction roads for each area
- underground protection at demolition work
- working areas for crane- or drill-facilities on unpaved substrata
- pavement of storage areas and trans-shipment centers
- crossing protection for roads and facilities
- root protection for trees in case of building measures and forest operations
- creek and river passages
- rill crossings
- access roads on unpaved area
- tank roads

User of VIA-Flexx-mats

For the deployment of the nets we approach to all companies and users, primarily in the sector of construction and environment.

- all types of construction firms, civil engineering, hydraulic engineering, track construction
- earth-moving, landscaping, construction of dikes and dams, coast protection
- pipe- and cable laying firms
- opencast pit development, protecting of mines
- civil protection, fire brigades, explosion protection
- municipal and public institutions
- forestry and agriculture, gardening and landscaping
- engineering consultants and planning agencies
- armed forces of national defense

Technical data "Construction road VIA-Flexx"

• Modules offered:
- breadth (prefabricated module) 2,0 / 4,0 / 6,0 meters
- length (prefabricated module) 4,0 meters
• modules of other dimensions will be produced according to customer's instructions
• thickness (laying not fixed) 0,2 meters
• thickness (stacked) 0,15 meters
• modules can be connected by flexible, detachable split pin or expanded at will by weaving on-site. Overlapping is not required.
• repair and reinforcement of mats without any difficulties are possible
• Kind of nets: crosswise netting, circa 10 rings/m^2
(without additional connecting elements)
• weight: (ca. 50 kg/m^2)
- ca. 0,4 tons/mat (2 x 4 m^2)
- ca. 0,8 tons/mat (4 x 4 m^2)
- ca. 1,2 tons/mat (6 x 4 m^2)
• weatherproof, extreme stability (braking effect also with black ice)
• disintegrate, resistant to microorganisms, brines, acids and bases
• resistant to excreta
• tearproof, tensile strength: minimum 21,5 t/m
• compressive strength: minimum 53,0 t/m^2
• maximal inner shearing strength