

# Data sheet

## Rockfall protection mat „TEXI-Flexx“



**Mat: shingle-type netting, prepared in modules, combinable to all user-defined faces, can be taken off and are reusable more than hundreds of times**

### Function

- The mat will be hung up on rockfall endangered slopes. Loose rocks slip slowly down between mat and wall, decelerated by the friction of the mat.
- The mat fastened on rockfall endangered slopes in several levels catches rubble and avalanches and prevents the formation of avalanches.

### Deployment areas of rockfall protection mats TEXI-Flexx

- **temporary rockfall protection**
  - building sites beneath slopes endangered by rockfall
  - quarry
  - mountain protection
- **permanent avalanche- and rockfall protection**
  - shelters
  - collection grids

## User of TEXI-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
- civil protection, fire brigades, explosion protection
- municipal and public institutions
- forestry and agriculture, gardening and landscaping
- engineering consultants and planning agencies

## Technical data "TEXI-Flexx"

- Modules offered:
  - breadth (prefabricated module) 10,0 / 20,0 / 30,0 meters
  - length (prefabricated module) 4,0 meters  
(delivery in rolls)
- modules of other dimensions will be produced according to customer's instructions
- thickness 0,2 meters
- modules will be hung over rockfall endangered walls and can be connected to the walls  
by steel ropes
- repair of mats without any difficulties is possible on-site
- Kind of nets: shingle-type netting ca. 25 rings/m<sup>2</sup>  
(without additional connecting elements)
- weight: (ca. 25 kg/m<sup>2</sup>)
  - ca. 1,0 tons/mat (10 x 4 m<sup>2</sup>)
  - ca. 2,0 tons/mat (20 x 4 m<sup>2</sup>)
  - ca. 3,0 tons/mat (30 x 4 m<sup>2</sup>)
- weatherproof, extreme stability
- disintegrate, resistant to microorganisms, brines, acids and bases
- resistant to excreta
- tearproof, tensile strength: minimum 10,5 t/m
- maximal inner shearing strength