

# Data sheet

## Explosion protection mat „PYRO-Flexx“



**Mat: herring bone lines and crosswise netting, prepared in modules, combinable to all user-defined faces, can be taken off and are reusable several times.**

### Deployment areas of explosion protection mats PYRO-Flexx

- section - shatter protection
- pressure reduction and shatter protection at defusing bombs
- pressure reduction and protection against flying stones due to blastings at construction sites (excavations etc.)
- special application (armed forces: mobile shatter protection)

### User of PYRO-Flexx-mats

For the deployment of the mats we approach to all companies and users, primarily in the sector of construction and environment, especially blasting firms and associated planning agencies.

- 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
- engineering consultants and planning agencies
- armed forces of national defense

## Technical data "PYRO-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
- repair and reinforcement of mats is possible
- Kind of nets: crosswise netting, ca. 10 rings/m<sup>2</sup>  
herring bone lines netting, ca. 12 rings/m<sup>2</sup>  
(without additional connecting elements)
- weight per mat:
  - ca. 0,4 tons/mat (2 x 4 m<sup>2</sup>)
  - ca. 0,8 tons/mat (4 x 4 m<sup>2</sup>)
  - ca. 1,2 tons/mat (6 x 4 m<sup>2</sup>)
  - ca. 0,6 tons/mat (2 x 6 m<sup>2</sup>)
  - ca. 1,2 tons/mat (4 x 6 m<sup>2</sup>)
  - ca. 1,8 tons/mat (6 x 6 m<sup>2</sup>)
- weatherproof, extreme stability
- tearproof, tensile strength: minimum 21,5 t/m
- compressive strength: minimum 53,0 t/m<sup>2</sup>
- maximal inner shearing strength