

WalkNet

Walkable net worlds

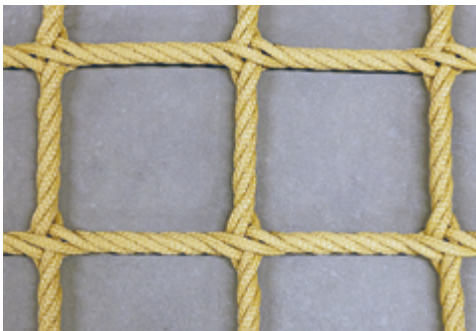




Possible rope colors (more on request)



Type A | 90° mesh angle, 16 mm rope



Type B | 90° mesh angle, 16 mm rope



Type C | 60° mesh angle, 16 mm rope



Type D | 60° mesh angle, 16 mm rope

More information:



Walkable net structures made of reinforced fiber ropes create unique possibilities for the design of indoor and outdoor spaces.

We plan, manufacture and install your WalkNet in individual shapes and colors. Our in-house production enables the selection of many details: rope diameters, mesh geometries, net nodes, edge connections and free-form design.

We implement your project from planning and engineering, production and assembly through to documentation and maintenance.

Products

WalkNet 12

Rope diameter	12 mm
Rope type	4-strand, form B, braided strands
Material	Polyester multifilament high-strength, bonded
Reinforcement	Spiral rope 1.8 mm, 1 x 7 galvanized
Rope minimum breaking force	12 kN

WalkNet 16

Rope diameter	16 mm
Rope type	4-strand, form B, braided strands
Material	Polyester multifilament high-strength, bonded
Reinforcement	Spiral rope 2.5 mm, 1 x 19 galvanized
Rope minimum breaking force	32 kN

Specifications

Polyester properties

- Very good weather resistance
- Moisture absorption 0.5 %
- Melting point 260°C
- Good acid resistance
- Low alkali resistance

Mesh geometry

- 60° angle (for free forms)
- 90° angle (for square and rectangular net shapes)
- Mesh size from 100 mm

Net nodes

- Type A suitable for horizontal nets with square meshes
- Type B suitable for vertical nets with square meshes
- Type C suitable for free-form shapes
- Type D suitable for free-form shapes

Edge connections

- Internal thread, external thread and chain
- Can be combined with M10 / M12 architectural range (e.g. eyelets, clevises)

Rope colors

- Beige, red, blue, orange, green, black
- Other colors on request

Net shapes

- Geometries in almost unlimited shapes and dimensions
- Statics and net design by Jakob Engineering
- Development of technical details according to customer requirements possible

Safety standards

- Net structures (mesh geometry and edge connections) comply with the applicable standards and safety requirements in accordance with EN 1176

Service and maintenance

- New connections, re-tensioning, technical safety checks, repairs
- Documentation for self-testing and maintenance