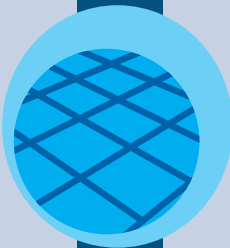
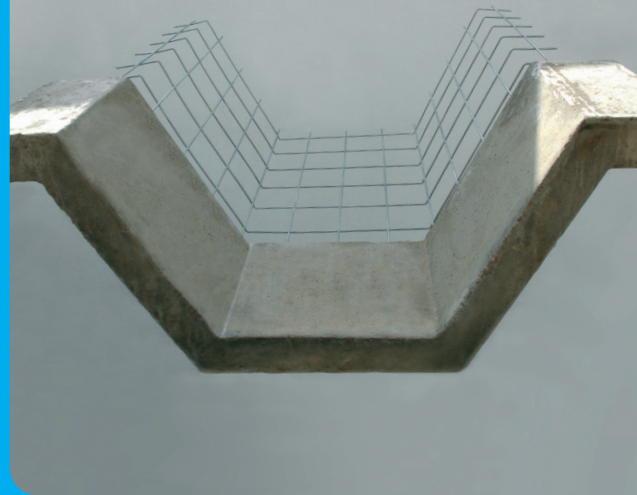


TSF

Bended steel wire mesh (ribbed and plain) for concrete water channels and precast elements...

Panel length max: 4m
Bending angle max: 120°

Product range:
all TSL and TSC products



Bended wire mesh

From TSL products

Characteristics of the wire used in the plain welded wire mesh:

Chemical composition:

It is a low carbon weldable steel wire.

- Carbon C ≤ 0,22 %
- Carbon equivalent Ceq ≤ 0,50%

Mechanical characteristics:

- Tensile strength Ts ≥ 550 MPa
- Yield strength Ys ≥ 500 MPa
- Elongation at max load Agt ≥ 2%
- Ductility ratio Ts/Ys ≥ 1,03
- **Linear weight tolerance: +/- 9%**

- Out of round lower than 0,20mm

Characteristics of the plain welded wire mesh:

Welding:

Weld shear test value greater than 150 MPa.

•Dimensions:

- Mesh size tolerance: +/- 7,5% or +/-10mm
- Overall length tolerance (centre to centre): +/- 0,5% or +/-25mm
- Overall width tolerance (centre to centre): +/- 0,5% or +/-25mm

Overhang tolerance to be specified by the customer.

Product range (Diameter, mesh and weight)

Diameter	Mesh	Weight kg/m ²
3	150 x 300	0,55
3	150 x 150	0,75
4	200 x 200	0,99
4	150 x 300	0,98
4	150 x 150	1,32
4	100 x 100	1,98
5	200 x 200	1,54
5	150 x 150	2,06

From TSC products

Characteristics of the wire used in the ribbed wire mesh:

Chemical composition:

It is a low carbon weldable steel wire.

- Carbon C ≤ 0,22 %

- Carbon equivalent $le \leq 0,42\%$

Mechanical characteristics:

- Tensile strength: Ts ≥ 550 MPa
- Yield strength: Ys ≥ 500 MPa
- Elongation at max load: Agt ≥ 2,5%
- Ductility ratio: Ts/Ys ≥ 1,05

Linear weight tolerance:

- +/- 4,5%

Characteristics of the ribs:

- Three rows of ribs
- Splitting coefficient $\eta = 1,3$ for D < 6mm and $\eta = 1,6$ for D ≥ 6mm
- Embedding coefficient $\psi_s = 1,5$

Characteristics of the wire mesh:

Welding:

- Weld shear test value greater than 150 MPa.

Dimensions:

- Mesh size tolerance: +/- 7,5% or +/-10mm
- Overall length tolerance (centre to centre): +/- 0,5% or +/-25mm

- Overall width tolerance (centre to centre): +/- 0,5% or +/-25mm

Overhang tolerance to be specified by the customer.

Diameter	Mesh	Weight kg/m ²
5	200 x 200	1,54
5	150 x 150	2,06
5	100 x 100	3,08
6	200 x 200	2,22
6	150 x 150	2,96
6	100 x 100	4,44
7	200 x 200	3,02
7	150 x 150	4,03
7	100 x 100	6,04
8	200 x 200	3,96
8	150 x 150	5,27
8	100 x 100	7,92
9	200 x 200	4,99
9	150 x 150	6,65
9	100 x 100	9,98
10	200 x 200	6,17
10	150 x 150	8,21
10	100 x 100	12,33
12	200 x 200	8,88
12	150 x 150	11,84

