

## TECHNICAL SPECIFICATION: MESH SWITZERLAND



### Description of the product

Welded mesh for structural use made from class B500B high-ductility hot-rolled welding steel. Suitable for use in seismic areas.

### Range of dimensions – Packaging

WELDED MESH ACCORDING TO SIA 262 – B500B														
Type	Wire $\varnothing$ mm		Mesh mm		Sheet mm		Wire projection mm		Sheets per pack	Sheet weight Kg	No. of wires per sheet		Wire weight per sheet kg	
	Long.	Transv.	Long.	Transv.	Width	Length	Long.	Transv.			Long.	Transv.	Long.	Transv.
K 283	6	6	100	100	2000	5000	50	50	50	44.4	20	50	22.22	22.22
K 188	6	6	150	150	2000	5000	100	25	50	30.2	14	33	15.54	14.65
K 335	8	8	150	150	2000	5000	100	25	30	53.7	14	33	27.62	26.04

### Labelling

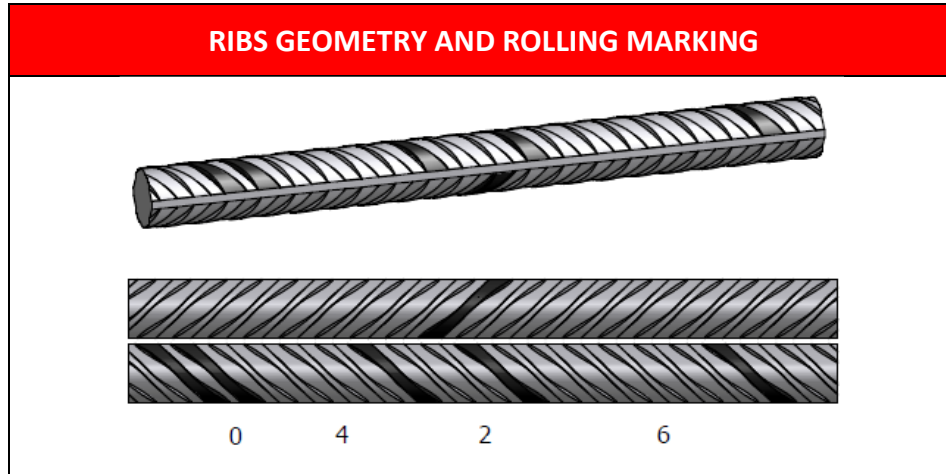
Each pack is identified with a metal or paper plastic label containing the following information:

- Company logo
- Lot number
- Diameter
- Steel grade
- Production date
- Standards references
- Certification logos
- QR Code

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### Certifications

Each delivery is accompanied by the certificate 3.1 (standard UNI EN 10204)



### CONFORMITY TO STANDARDS

Country	Standard	Grade	Certifications
SWITZERLAND	SIA 262	B 500 B	✓

### CHEMICAL COMPOSITION

C % max	P % max	S % max	Cu % max	N % max	Ceq. Max
0.22	0.050	0.050	0.80	0.012	0.50
(0.24)	(0.055)	(0.055)	(0.85)	(0.014)	(0.52)

*The figures in brackets refer to product analysis*

### MECHANICAL PROPERTIES

Standard	Grade	Re N/mm <sup>2</sup>	Rm N/mm <sup>2</sup>	Rm/Re	Rm/Re nom.	Agt %
SIA 262	B 500 B	≥ 500		≥ 1.08	≤ 1.30	≥ 5.0