

TECHNICAL SPECIFICATION: REBARS ALFA 550S



Description of the product

Weldable, sustainable reinforcing steel featuring improved bonding and high ductility, hot rolled with in-line heat treatment “Tempcore”.

Range of dimensions

- Diameter: **8 – 32 mm**
- Length: **6 – 18 m**

Packaging

- 5 fastenings for bundle length < 9 m:
- 7 fastenings for bundle length 9 to 14 m
- 9 fastenings for bundle length 15 m
- 11 fastenings for bundle length 16 to 18 m

Double-strap fastening with 7 mm diameter wire

Bundle weight:

- **6 m ~ 1400 kg**
- **12 m ~ 2300 kg**

Labelling

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

- Company logo
- Heat number
- Diameter
- Length
- Weight
- 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)

RIBS GEOMETRY AND ROLLING MARKING



CONFORMITY TO STANDARDS

Country	Standard	Grade	Certifications
AUSTRIA (ALFA 550 S)	ONORM B 4707	B 550 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 ²	Rm N/mm ²	Rm/Re	Agt %	A5 %	A10 %
ONORM B 4707	B 550 B	≥ 550		≥ 1.08	≥ 5		

GEOMETRICAL CHARACTERISTICS

Ø mm	8	10	12	≥ 14
Relative rib area fR	≥ 0.040	≥ 0.040	≥ 0.040	≥ 0.056