

TECHNICAL SPECIFICATION: RECOILED WIRE ALFA RB



Description of the product

Weldable, sustainable reinforcing steel featuring improved bonding and high ductility, low carbon contents, packaged in coils, hot rolled and cold stretched.

Range of dimensions

- Diameter: 6 – 16 mm

Packaging

Coils strapped in 4 positions

Coil weight:

- ~ 2500 kg
- ~ 3000 kg
- ~ 5000 kg

Coil dimensions:

- $\varnothing$ int. 630 mm
- $\varnothing$ est. 1100 ÷ 1200 mm
- height 800 ÷ 1000 mm

Labelling

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

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

TECHNICAL SPECIFICATION: RECOILED WIRE

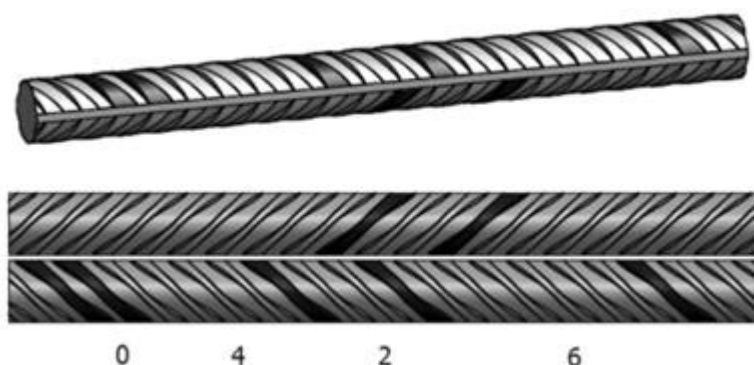
ALFA RB



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
ITALY	D.M. 17/01/2018	B 450 C	✓
FRANCE	NFA 35080/1	B 500 B	✓
GERMANY	DIN 488	B 500 B	✓
SWITZERLAND	SIA 262	B 500 B	✓
SLOVENIA	SIST EN 10080	B 500 B	✓
BULGARIA	BDS 9252	B 500 B – B 500 C	✓
ROMANIA	ST 009-2011	B 500 C	✓
SERBIA	030-IMS-255/26	B 500 B	✓
CZECH REP.	CSN 420139	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

TECHNICAL SPECIFICATION: RECOILED WIRE

ALFA RB



MECHANICAL PROPERTIES							
Standard	Grade	Re N/mm ²	Rm N/mm ²	Rm/Re	Agt %	A5 %	A10 %
D.M. 17/01/2018	B450 C	≥ 450	≥ 540	≥ 1.15 ≤ 1.35	≥ 7.5		
NFA 35080/1	B 500 B	≥ 500		≥ 1.08	≥ 5		
DIN 488	B 500 B	≥ 500		≥ 1.08	≥ 5		
SIA 262	B 500 B	≥ 500		≥ 1.08	≥ 5		
EN 10080	B 500 B	≥ 500		≥ 1.08	≥ 5		
BDS 9252	B 500 B	≥ 500		≥ 1.08	≥ 5		
BDS 9252	B 500 C	≥ 500		≥ 1.15 ≤ 1.35	≥ 7.5		
ST 009-2011	B 500 C	≥ 500		≥ 1.15 ≤ 1.35	≥ 7.5		
030-IMS-255/26	B 500 B	≥ 500		≥ 1.08	≥ 5		
CSN 420139	B 500 B	≥ 500		≥ 1.08	≥ 5		

GEOMETRICAL CHARACTERISTICS					
Ø mm	6	8	10	12	≥ 14
Relative rib area fR	≥ 0.035	≥ 0.040	≥ 0.040	≥ 0.040	≥ 0.056
Relative rib area fR DIN 488	≥ 0.039	≥ 0.045	≥ 0.052	≥ 0.056	≥ 0.056