

## 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

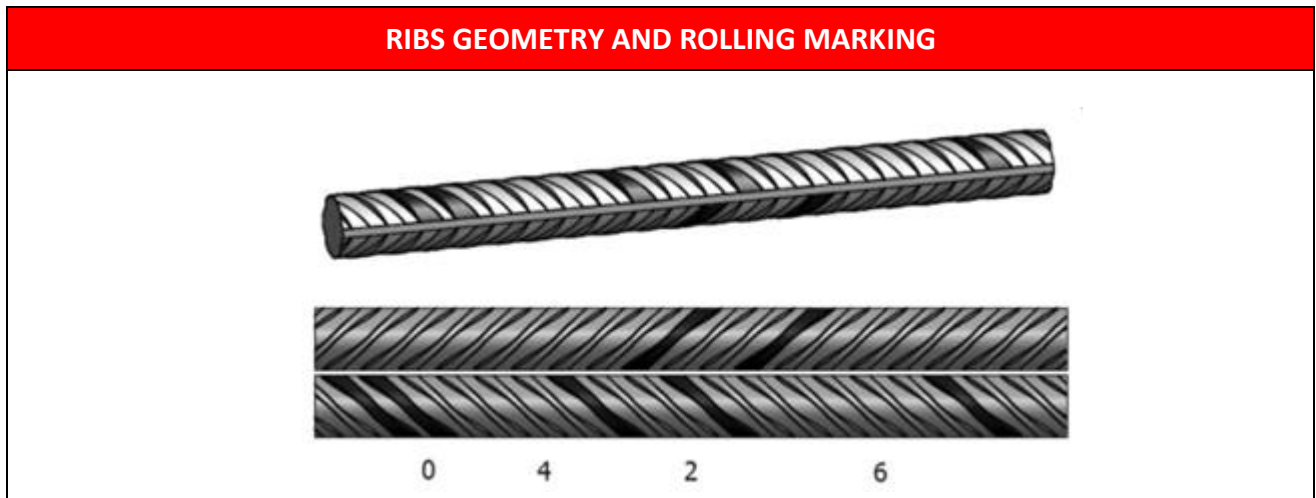
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### Certifications

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



### CONFORMITY TO STANDARDS

Country	Standard	Grade	Certifications
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	✓

### 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	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		

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GEOMETRICAL CHARACTERISTICS					
$\varnothing$ mm	6	8	10	12	$\geq 14$
Relative rib area fR	$\geq 0.035$	$\geq 0.040$	$\geq 0.040$	$\geq 0.040$	$\geq 0.056$
Relative rib area fR DIN 488	$\geq 0.039$	$\geq 0.045$	$\geq 0.052$	$\geq 0.056$	$\geq 0.056$