

Steel Rebars in Coils EXG



Concrete Reinforcing Steel Bars in Re-spoiled Coils

EPD[®]
THE INTERNATIONAL EPD[®] SYSTEM



TÜV
AUSTRIA
EN ISO 14001
EN ISO 45001

Technical Features

Concrete reinforcing steel, of high strength and ductility, of certified qualities:

- **B500C, EL0T 1421-3** (Greek Standard)
- **S500W-C** (Israeli Standard)
- **B450C** (Italian Standard)
- **B500B, B500C** (Bulgarian Standard)
- **B500C, PC52, OB37** (Romanian Standard)
- **B500C, SK TP -23/0011** (Slovakian Standard)
- **B500C, MSZ 339** (Hungarian Standard)

The product is available in re-spoiled coils. The rod diameters range from $\varnothing 8$ up to $\varnothing 12$ mm.





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MECHANICAL FEATURES

Standards	Yield Strength Re(N/mm ²)	Elongation (%)	Ratio Rm/Re	Ratio Re,act/Re,nom	Elongation at max load Agt(%)
ELOT 1421-3 B500C	≥500		≥1,15 ≤1,35	≤1,25	≥7,5

CHEMICAL PROPERTIES

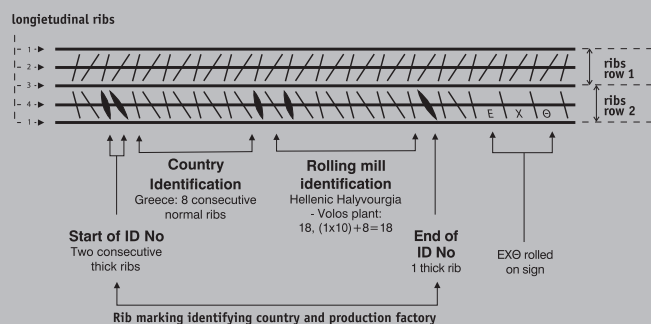
Chemical Analysis Wt% max	C 0,24	P 0,055	S 0,055	N 0,014	Ceq 0,52
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DIAMETERS, WEIGHT & TOLERANCES

Nominal Diameter (mm)	Nominal cross section (mm ²)	Tolerances (%)	Nominal Weight (kg/m)
8	50,3	± 6	0,395
10	78,5	± 4,5	0,617
12	113,0	± 4,5	0,888
14	154,0	± 4,5	1,210
16	201,0	± 4,5	1,580

Re-spoiled coil weight: approx. 1500kg (max 1800kg)

Rib identity & easy recognition of "EXG" high strength high ductility steel bar in coil



CROSS SECTION



RE-SPOILED COIL DIMENSIONS

