

1. DESCRIPTION

Weldable ribbed steel in coils for reinforcing of concrete named PITTINI JUMBO SPOOLED according to standard ÖN B4707 grade B550B for Austrian market and according to EN 10080 and EC2 grades B550B/B500B for Danish market.

2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
ÖN 4707 and EN 10080	max	0.22	0.050	0.050	0.80	0.012	0.50

Note: C max 0.25% is permitted, provided that Ceq max is 0.48%.

3. MECHANICAL PROPERTIES AND DIMENSION TOLLERANCES

Standard	Steel grade	Diameter Range mm	Weight Toll. %	Re min N/mm ²	Rm/Re min	Agt min %	Bend α, k
PITTINI	B550B	10 ÷ 16	±4,5	550c	1.08c	5c	180, 3
ÖN 4707	B550B	≥ 6	±4,5 / ±6,0	550c	1.08c	5c	180, 3
EC2	B550B	6 ÷ 16	±4,5 / ±6,0	550c	1.08c	5c	180, 3
EC2	B500B	6 ÷ 16	±4,5 / ±6,0	500c	1.08c	5c	180, 3

NOTES:

- test after ageing 100°C for 1h;
- bending at 180°: mandrel equal to 3Ø;
- ÖN 4707: Re min 533 MPa; Rm/Re min 1.06; Agt min 4.0%;
- specific rib area f_R min 0.046 for $10 \leq \emptyset \leq 12$ mm and f_R min 0.064 for $14 \leq \emptyset \leq 16$ mm

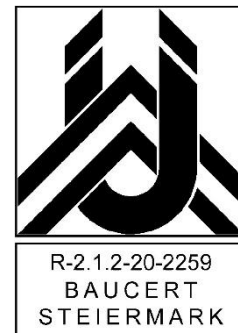
4. STANDARD PAKING

In coils of standard weight approx. 2.4t and 4.8 t. Internal diameter 700 mm, height 900mm, max width 1050 mm (2.4 t) and 1320 mm (4.8 t). Tied with 4 metallic strips.

5. STANDARD IDENTIFICATION

Each coil with label reporting:

PITTINI
JUMBO SPOOLED
Heat nr.
Diam.
Nominal weight
Date of production
Logo ÜA + Logo Globecert
ÖNORM B 4707 B550B
GLOBECERT 1616
EN 10080 – EC2 B550B/B500B



6. STANDARD CERTIFICATION

On demand test certificate according to EN 10204.

7. APPROVALS

Baucert Steiermark (Austria) and Globecert (Denmark).

8. IDENTIFICATION MARK

Mark 1-7

