

### 1. DESCRIPTION.

Welded fabric with high ductility (HD) type B450C, made from hot rolled steel wire, according to D.M. 17/01/2018.

### 2. CHEMICAL COMPOSITION.

	Limite	C %	P %	S %	N %	Cu %	Mn %	Ceq %
PITTINI	Max	0.22	0.050	0.050	0.012	0,80	/	0.50

Nota: è ammesso C max 0.25% purché Ceq max 0.48%.

### 3. MECHANICAL PROPERTIES AND DIMENSION TOLLERANCES.

Steel Grade	Ø [mm]	Weight Tol. [%]	Re min [MPa]	Rm min [MPa]	Rm/Re min	Rm/Re max	Re/Re nom	Agt min [%]	Rt min [%]
B450A	6 ÷ 16	± 4.5 *	450	540	1.15	1.35	1.25	7.5	25

#### NOTE:

\* for  $\phi \leq 8$  the deviation is  $\pm 6\%$ .

Tested after artificial ageing according to D.M. 17/01/2018.

Tolerances: according to UNI EN 10080:2005.

### 4. PACKAGING.

In beam tied with win wire rods diameter from:

Tipologie Standard	Descrizione	Peso Unitario	Pezzi per confezione	Peso confezione	Altezza confezione approssimativa
		[kg]	[n°]	[kg]	[cm]
<b>B/8/15</b>	Pilas SM 060/080 99x15 77x300	8,779	135	1185	60
<b>C/8/15</b>	Pilas SM 060/080 99x15 87x300	9,568	204	1952	48
<b>D/8/15</b>	Pilas SM 060/080 99x15 95x300	10,160	170	1727	60
<b>E/8/15</b>	Pilas SM 060/080 15x15 105x300	12,280	136	1670	48
<b>F/8/15</b>	Pilas SM 060/080 20x15 115x300	12,404	136	1687	48
<b>G/8/15</b>	Pilas SM 060/080 99x15 125x300	13,859	136	1885	48
<b>H/8/15</b>	Pilas SM 060/080 20x15 132x300	14,450	85	1228	60
<b>I/8/15</b>	Pilas SM 060/080 20x15 145x300	15,437	85	1312	60
<b>L/8/15</b>	Pilas SM 060/080 20x15 155x300	16,892	85	1436	60
<b>M/8/15</b>	Pilas SM 060/080 20x15 172x300	18,899	85	1606	60
<b>N/8/15</b>	Pilas SM 060/080 30x15 185x300	18,593	85	1580	60
<b>O/8/15</b>	Pilas XL 060/080 30x15 205x285	19,796	85	1683	60
<b>P/8/15</b>	Pilas XL 060/080 30x15 240x285	23,052	85	1959	60

Choice of panel shape in relation to the section:

Misura GABBIA	Misura Pannello	Misura GABBIA	Misura Pannello	Misura GABBIA	Misura Pannello	Misura GABBIA	Misura Pannello	Misura GABBIA	Misura Pannello
10x15	60	15x30	105	20x40	132,5	25x45	155	30x50	185
15x15	77,5	20x25	115	25x35		30x40		35x45	
15x20	87,5	20x30		25x40	35x35	40x40			
15x25	95	25x25	30x30	25x50	40x45				
20x20		20x35	30x35	30x45	45x45	205			
		25x30	125		145	35x40	172	55x55	240

#### 5. STANDARD IDENTIFICATION.

Each beam is identified with a label giving:

MANUFACTURER  
REFERENCE LEGISLATION  
CLIENT  
ORDER NUMBER  
BATCH CODE NUMBER  
TYPE OF PRODUCT  
DIMENSIONAL FEATURES  
PRODUCT WEIGHT  
DATE OF PRODUCTION

#### 6. STANDARD CERTIFICATION.

Copy of qualification issued by the Central Technical Services.  
Certificate of quality according to UNI EN 10204:2005.

#### 7. APPROVALS

Ministry of Infrastructure and Transport.

