

# TRANSVERSE GRIDS FOR CATTLE H.15/17



## PREFABRICATED FLOORING FOR STALLS

For cattle farming Fattori srl manufactures grids according to the requirements of the European standard EN 12737:2007 which imposes precise characteristics:

- Rck 40 concrete
- durability guaranteed for environments classified XC3
- high-quality B450C steel that is calculated to provide the required performance
- 3.20 cm wide slots that are rounded to limit the possibility of injury to the feet
- production lots to allow the traceability from the raw materials used and providing the purchaser with a further guarantee

The production process is monitored in each phase starting from the incoming raw materials to each individual process up to the loading of the finished product.

**It is a cutting edge product at European level.**

Thanks to its dimensions this grid model gives the advantage of making handling and installation during the restructuring of existing stalls easy.

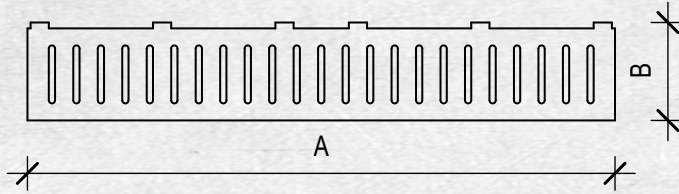


**FATTORI**  
SISTEMI E STRUTTURE IN CEMENTO ARMATO

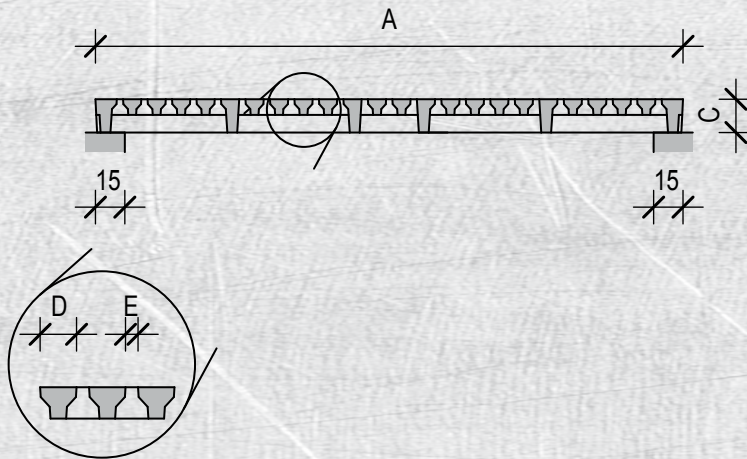
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# TECHNICAL PRODUCT DATA SHEET

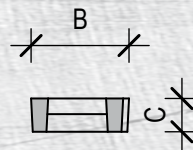
## PLAN



## LONGITUDINAL SECTION



## CROSS SECTION



### TECHNICAL CHARACTERISTICS

#### VARIABLE LIVE LOAD

1200-1500 kg/sq. m in addition to its own weight

#### CONCRETE:

Rck scassero  $\geq 20$  N/mm<sup>2</sup>

Rck a 28 gg  $\geq 40$  N/mm<sup>2</sup>

#### STEEL B450C Checked:

f<sub>yk</sub>  $\geq 450$  N/mm<sup>2</sup>

f<sub>tk</sub>  $\geq 540$  N/mm<sup>2</sup>

#### WELDMESH:

Acciaio B450A

**EXPOSURE CLASS** XC3

bar cover 2,5 cm

bar free interspace  $\geq 2$  cm  $\geq \emptyset$  max

R.E.I. 30

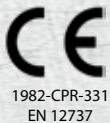
### TOLERANCES

length  $\pm 1,0$  cm

height  $\pm 0,5$  cm

width  $\pm 1,0$  cm

mild reinforcement  $\pm 1,0$  cm



ARTICLE CODE	A	B	C	D	E	Flow kg/cad	Weight kg/cad	Empty sq.m	Full sq. m	Full/empty ratio
GBT2005015	200	50	15	9,30	3,20	1500	197	0,184	0,816	22,5%
GBT2505015	250	50	15	9,30	3,20	1500	246	0,231	1,018	22,7%
GBT3005015	300	50	15	9,30	3,20	1500	295	0,279	1,220	22,8%
GBT2005017	200	50	17	9,30	3,20	1500	217	0,184	0,816	22,5%
GBT2505017	250	50	17	9,30	3,20	1500	271	0,231	1,018	22,7%
GBT3005017	300	50	17	9,30	3,20	1200	325	0,184	1,220	22,8%

The table shows the standard sizes; we can also produce non-standard sizes upon prior arrangements with our offices

The sizes shown are indicative, **FATTORI** reserves the right to make any changes at any time without prior notice.