

TRANSVERSE CATTLE GRID H.30



STALL FLOORING

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
- guaranteed durability in XC3 classified environments
- high quality B450C steel calculated to ensure the required performance
- slots with a width of 3.20 cm and rounded to limit the possibility of injury to the feet
- production lots that allow the traceability of the raw materials used and provide further guarantees for the purchaser

The production process is monitored at every stage, starting from the incoming raw materials, and in every single process until the loading of the finished product.

It is a cutting edge product at a European level.

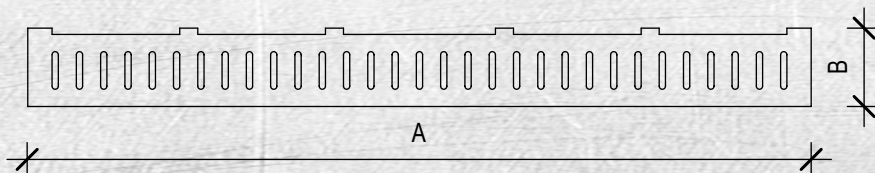


FATTORI
SISTEMI E STRUTTURE IN CEMENTO ARMATO

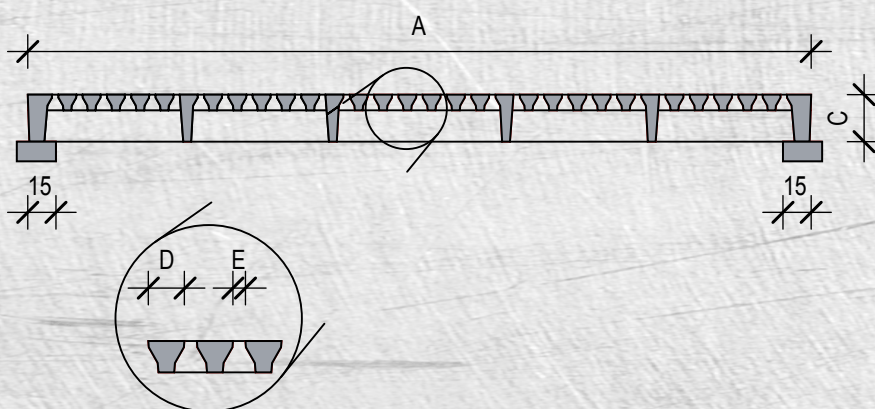
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TECHNICAL SPECIFICATIONS

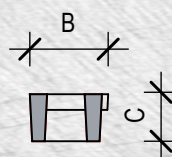
PLAN



LONGITUDINAL SECTION PLAN VIEW



TRANSVERSE SECTION VIEW



TECHNICAL CHARACTERISTICS OF THE ELEMENT

VARIABLE LIVE LOAD:

1500 kg/mq in addition to its own weight

CONCRETE:

R'ck formwork ≥ 20 N/mm²

R'ck in 28 day ≥ 40 N/mm²

STEEL B450C checked:

f_{yk} ≥ 450 N/mm²

f_{tk} ≥ 540 N/mm²

WELDMESH:

Steel B450A

EXPOSURE CLASS XC3

bar cover 2,5cm

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

REI 30

TOLLERANCES

length $\pm 1,0$ cm

height $\pm 0,5$ cm

widht $\pm 1,0$ cm

mild reinforcement $\pm 1,0$ cm



1982-CPR-331
EN 12737

ITEM CODE	A cm	B cm	C cm	D cm	E cm	Flow Kg/mq	Weight Kg/cad	Empty mq	Full mq	Ratio Empty/ full
GBT4105030	410	50	30	11,5	4,0	1200	742	0,364	1,686	21%
GBT4205030	420	50	30	11,5	4,0	1200	760	0,344	1,756	20%
GBT4505030	450	50	30	11,5	4,0	1200	815	0,407	1,843	22%
GBT5005030	500	50	30	11,5	4,0	1200	905	0,455	2,045	22%

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.