

TRANSVERSE CATTLE GRID H.25



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.

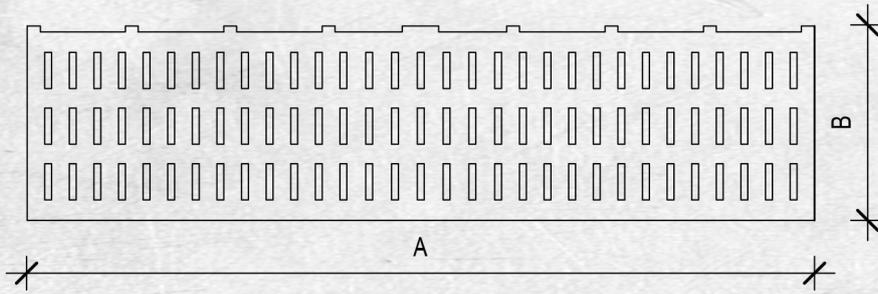


FATTORI
SISTEMI E STRUTTURE IN CEMENTO ARMATO

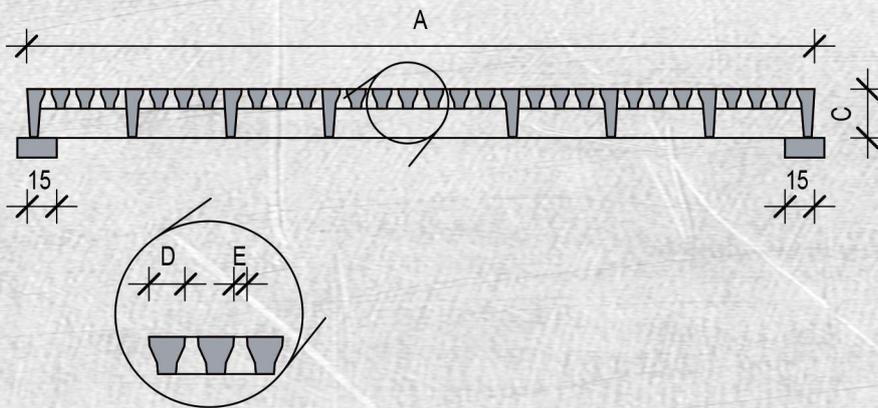
Via F. Cavallotti, 298 - 25018 Montichiari (Bs-Italy) - Tel. +39 030.963291 - Fax +39 030.9964333
www.gffattori.com - info@gffattori.it

TECHNICAL SPECIFICATIONS

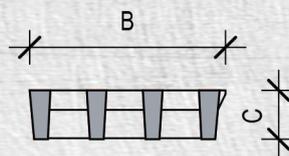
PLAN



LONGITUDINAL SECTION PLAN VIEW



TRANSVERSE SECTION VIEW



| TECHNICAL CHARACTERISTICS OF THE ELEMENT | |
|---|----------------------------------|
| VARIABLE LIVE LOAD: 1800-2500-3000 kg/mq in addition to its own weight | |
| CONCRETE: R _{ck} formwork ≥ 20 N/mm ² R _{ck} in 28 day ≥ 40 N/mm ² | |
| STEEL B450C checked: f _{yk} ≥ 450 N/mm ² f _{tk} ≥ 540 N/mm ² | |
| 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 |
| width | $\pm 1,0$ cm |
| mild reinforcement | $\pm 1,0$ cm |

| 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 |
|--------------|---------|---------|---------|---------|---------|---------------|------------------|-------------|------------|---------------------|
| GBTR20010025 | 200 | 100 | 25 | 9,0 | 3,5 | 3000 | 595 | 0,341 | 1,648 | 21% |
| GBTR25010025 | 250 | 100 | 25 | 9,0 | 3,5 | 3000 | 744 | 0,429 | 2,058 | 21% |
| GBTR30010025 | 300 | 100 | 25 | 9,0 | 3,5 | 3000 | 893 | 0,520 | 2,465 | 21% |
| GBTR35010025 | 350 | 100 | 25 | 9,0 | 3,5 | 2500 | 1041 | 0,611 | 2,871 | 21% |
| GBTR40010025 | 400 | 100 | 25 | 9,0 | 3,5 | 2500 | 1190 | 0,703 | 3,276 | 21% |

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.