

GRID SUPPORTING BEAM AND WALL

GRID SUPPORTING STRUCTURES

Fattori srl carries out the work with Rck 40 concrete with guaranteed durability in XC3 environments.

The beam is available in 3 different sections, and as such can reach a maximum length that varies between 200 cm and 500 cm. They are dry laid on plinths carried out on site. Their positioning, performed in a workmanlike manner, creates a safe and continuous support for the grids above.

The inverted T section wall is available in 4 different heights, while the length and width remain unchanged. Installation is carried out on continuous concrete strips that guarantee the proper stability of the elements.

Once positioned we proceed with the formation of the slurry discharge columns and finally the supplementary concrete casting is performed between one row and another, thus creating the slurry collection tanks and the grid supporting wall.



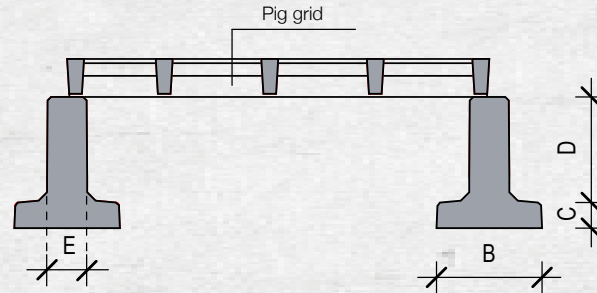
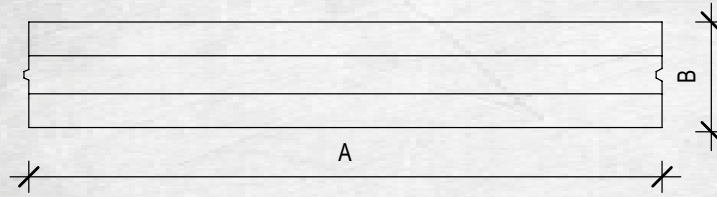
FATTORI
SISTEMI E STRUTTURE IN CEMENTO ARMATO

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TECHNICAL SPECIFICATIONS

GRID SUPPORTING WALL

PLAN

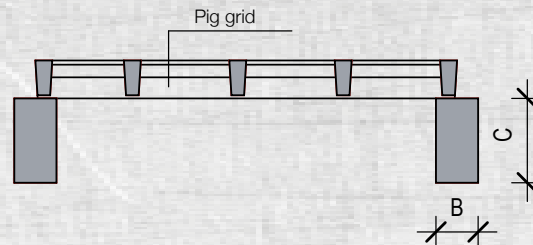


BEAM SUPPORTING WALL

PLAN



GRID AND BEAM SECTION



Grid supporting wall						
ITEM CODE	A cm	B cm	C cm	D cm	E cm	Weight Kg/cad
MURO30050	300	50	12	50	18	1160
MURO30060	300	50	12	60	18	1290
MURO30070	300	50	12	70	18	1490
MURO30080	300	50	12	80	18	1550

Grid supporting beam				
ITEM CODE	Length cm	B cm	C cm	Weight Kg/ml
TRAVE2020	max 200	20	20	96
TRAVE3020	max 350	20	30	144
TRAVE4020	max 450	20	40	192

TECHNICAL CHARACTERISTICS OF THE ELEMENT	
VARIABLE LIVE LOAD: 350-400 Kg/mq in addition to its own weight	
CONCRETE: R'ck formwork ≥ 20 N/mm ² R'ck in 28 da ≥ 40 N/mm ²	
STEEL B450C checked: fyk ≥ 450 N/mm ² ftk ≥ 540 N/mm ²	
WELD MESH: Steel B450A	
EXPOSURE CLASS	XC3-XA2
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

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.