



# GRID SUPPORTING WALLS



## GRID SUPPORTING STRUCTURES

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

These are discharge channel elements with a variable useful height between 70 and 100 cm against which the cubicle and grid rests.

This prefabricated module is produced by pouring liquid concrete into moulds and leaving it to mature. The result is a practically perfect product which is able to withstand the weights of the other elements and the related overloads, thus eliminating the need to compact the external soil next to the walls.

The intermediate elements create the recirculation lanes.

Their positioning involves the construction of perfectly flat continuous support strips whose use within the newly constructed structures allows for the creation of the recirculation lanes relatively quickly and at low cost.

The installation is completed with the casting at the foot of the products inside the lanes.



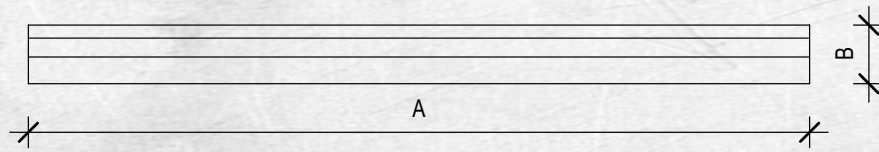
**FATTORI**  
SISTEMI E STRUTTURE IN CEMENTO ARMATO

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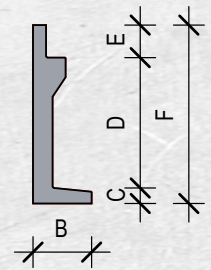
# TECHNICAL SPECIFICATIONS

## GRID SUPPORTING WALL

### PLAN

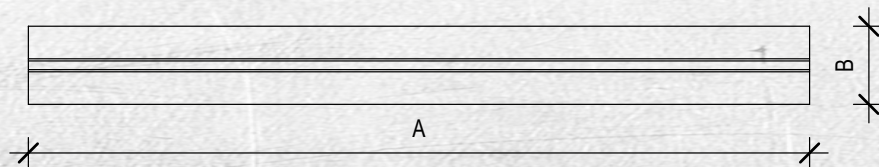


### SECTION

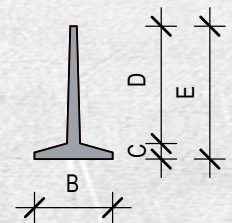


## INTERMEDIATE WALL

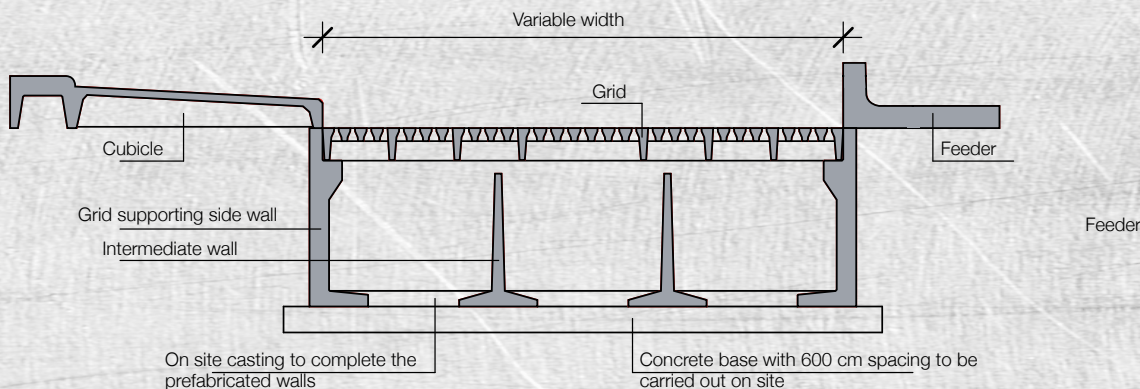
### PLAN



### SECTION



## LANE TYPE SECTION VIEW



GRID SUPPORTING WALL							
ITEM CODE	A cm	B cm	C cm	D cm	E cm	F cm	Weight Kg/cad
MUROLAT7020	600	45	12	70	20	102	3070
MUROLAT7025	600	45	12	70	25	107	3160
MUROLAT10020	600	45	12	100	20	132	3790
MUROLAT10025	600	45	12	100	25	137	3860
INTERMEDIATE WALL							
ITEM CODE	A cm	B cm	C cm	D cm	E cm	Weight Kg/cad	
MUROUT70	600	60	12	60	72	1520	
MUROUT100	600	60	12	90	102	1800	

### TECHNICAL CHARACTERISTICS OF THE ELEMENT

#### CONCRETE:

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

Rck in 28 day  $\geq 40$  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:

Steel B450A

#### EXPOSURE CLASS

bar cover 2,5cm

bar free interspace  $\geq 2$  cm  $\geq \varnothing$  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

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.