SILOS SECT.500 PERIM. CM 250x227,5xH.500



SILOS FOR TRENCHES

Fattori srl manufactures silos in accordance with the requirements of European standard EN 15258:2008 which imposes strict rules regarding construction and technical specifications:

- Rck 40 concrete
- guaranteed durability for environments XA2
- high quality B450C steel calculated to ensure the required capacity
- bar cover 3.00 cm
- production lots that allow the traceability of the raw materials used.

These are self-stable inverted T modules and their use offers several advantages:

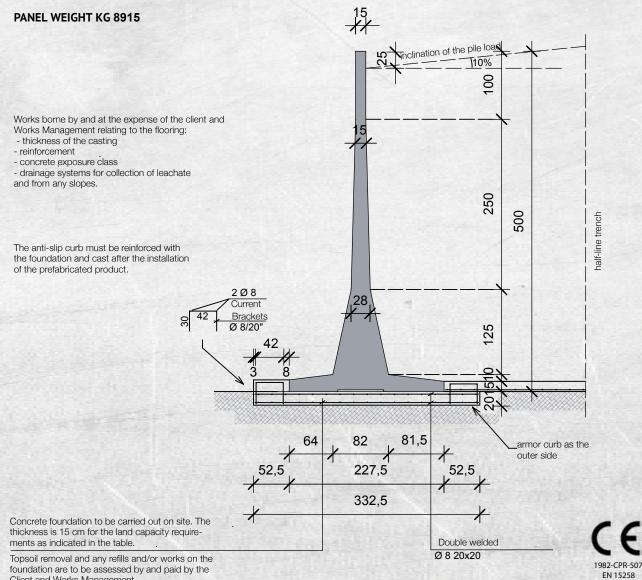
- speed of execution
- possibility to alter the structures expanding the capacity if necessary
- flexibility of assembly allowing the creation of tanks of various types and sizes
- easy and quick to move and handle
- in-wall interventions reduced
- low installation costs

These panels are laid out on perfectly flat support strips which will be built on an anti-slip curb. The range of these elements has been studied to meet any demand in relation to the various types of use by varying the dimensions and capacity.





TECHNICAL SPECIFICATIONS



loundation	i are to	be assessed by	
Client and	Works	Management.	

TECHNICAL SPECIFICATIONS			
WEIGHT OF THE MATERIAL	800-1000 kg/mc		
SOIL FRICTION ANGLE	32°		
ACCIDENTAL OVERLOAD	1000 kg/mq		
TECHNICAL DATA OF PREFABRICATED ELEMENTS			
CONCRETE	R'ck formwork ≥ 20 N/mmq R'ck in 28 days ≥ 40 N/mmq		
STEEL B450C checked	Fyk≥ 450 N/mmq Ftk≥ 540 N/mmq		
EXPOSURE CLASS	XA2		
BAR COVER	3,0 cm		
BAR FREE INTERSPACE	≥ 2 cm ≥ Ø max		
REGULATORY STRUCTURE SPECIFICATIONS			
Class of use			
Cu	0,70		
Soil Type	С		
Topographic category	T1		

REQUIREMENTS FOR CASTING FOUNDATIONS			
ON SITE BASE DIMENSIONS VALID FOR LAND CAPACITY	σt,amm(SLE) ≥ 1,20 daN/cmq		
BASES MUST BE MADE FLAT; THE PRODUCTS MUST REST COMPLETELY ON THE BASE			
CONCRETE	R'ck in 28 days ≥ 30 N/mmq		
UNLOADING CONSISTENCY CLASS	S3		
ANY ADDITION OF WATER ON SITE IS FORBIDDEN			
EXPOSURE CLASS	XC2		
BAR COVER	3,0 cm		
BAR FREE INTERSPACE	≥ 2 cm ≥ Ø max		
STEEL B450C checked	fyk ≥ 450 N/mmq ftk ≥ 540 N/mmq		
WELDMESH: STEEL B450A	fyk ≥ 450 N/mmq ftk ≥ 540 N/mmq		