



The base is to be designed for the following unfactored loads:

- A horizontal live load from content of 48 kN/m, applied at 100 mm above the top of the base at a radius of R.max.
- A vertical dead load from the wall of 17 kN/m, applied at a radius of R.max.

OBS! Any external forces, such as those from walkways, scraper bridges, or soil loads, have not been included in these loads. It is up to the base designer to determine and account for these additional loads.

ADJUSTED RADII TO REFLECT CHANGES IN WALL PANEL THICKNESS		LK	LLC	LLC	LLC	LLC	
E D C B A		2026.01.06	2026.12.31	2025.12.14	2025.11.04	2025.10.06	
REV.: DESCRIPTION: INIT.: DATE:							
NOTE:		GENERAL NOTES:					
TANK WALL CONCRETE: C40/50		ALL DIMENSIONS IN MILLIMETRES. NO DIMENSIONS IS TO BE SCALED FROM THE DRAWING.					
BASE CONCRETE: -		DIMENSIONAL TOLERANCES: RADIUS: NOMINAL AVERAGE RADIUS R(nom)= +/- 25 mm MEASURED FROM Rmax. CIRCULARITY: +/- 25 mm HEIGHT BETWEEN ONE PANEL TO THE OTHER +/- 3 mm WALL PANEL TOP FROM SIDE TO SIDE +/- 5 mm HEIGHT FROM ONE SIDE TO ANOTHER +/- 20 mm					
TANK WALL EXPOSURE CLASS: DC4, XF4, XC3/4		THE POST DRILLING OF PRECAST PANELS FOR PIPE CONNECTIONS OR BOLT FIXING IS PERMITTED. HOWEVER THIS WORK MUST BE CARRIED OUT WITH SPECIAL ATTENTION BEING PAID TO THE LOCATION OF THE POST TENSIONING TENDONS WITHIN THE STRUCTURE, ENSURING THAT THE OUTER DIAMETER AND HOLE PERTURBATION ARE FAR AWAY FROM THE OUTER DIAMETER OF ANY POST TENSIONING TENDONS. TENDON LOCATION TO BE MEASURED FROM TOP OF WALL DOWN! FOR LOCATION PLEASE REFER TO "AS BUILT" DRAWINGS AND ANCHOR LOCATION IN BUTTRESSIES! FURTHER GUIDANCE CAN BE SOUGHT FROM A-CONSULT.					
BASE EXPOSURE CLASS: -							
TENDONS TYPE: -							
EPDM SIZE: 80 mm							
WALL PANEL WEIGHT: 3352 kg							
BUTTRESS PANEL WEIGHT: 3320 kg							
SURFACE FINISH FORMSIDE: STEEL FORM UPSIDE: STEEL FLOAT FORM							
Client info: BAM - Date: 2025.10.07 Made by: LLC Check by: LK Scale: 1:25							
Project no.: Project name: Knapp Mill Construction place address: - Description: GENERAL PANEL LAYOUT TANK 01 TANK TYPE: N4500/32+2B/2		Drg.no.: AQ430773-01-45-32-1000 E					
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