

ProTank® MODULAR TANK SYSTEM

DESCRIPTION

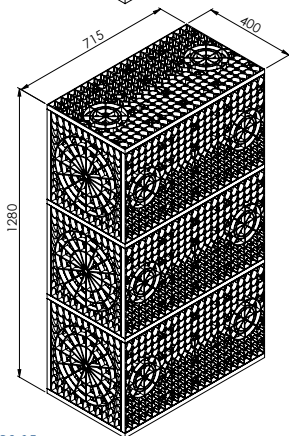
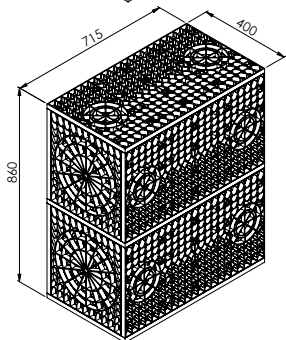
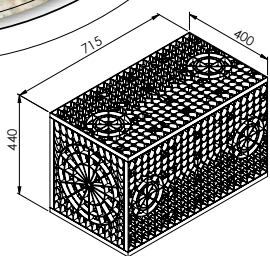
Modular tank systems designed for inground water storage and or water detention for peak flow events. ProTank® modular tanks can be designed to conform to most shapes and sizes to suit site conditions, and are simply stacked into a matrix of cells to create the desired storage volume.

APPLICATION

Applications include inground water storage (retention) detention and or infiltration.

TYPICAL PROPERTIES – TANK DIMENSIONS

MODULE (UNITS)	WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)	TYPICAL TANK VOLUME (LITRES)	TYPICAL WATER STORAGE VOLUME (LITRES)
Single (1)	400	715	440	126	119
Double (2)	400	715	860	246	233
Triple (3)	400	715	1280	366	347
Quad (4)	400	715	1700	486	461
Penta (5)	400	715	2120	606	576
INTERNAL VOID RATIO		95% void			
MATERIAL		100% recycled polypropylene + customised polymers can be utilised for special projects			
BIOLOGICAL & CHEMICAL RESISTANCE		Unaffected by moulds and algae, soil-borne chemicals, bacteria and bitumen, oils & light acid or alkaline solutions			
SERVICE TEMPERATURE		-10°C to 85°C			
FLOW RATE		2400l/min per single module area @ i = 0.01			
COMPRESSIVE LOAD CAPACITY		>24 t/m ² (Based on a standard single height module comprising 4 large plates and 4 small plates at normally encountered ambient temperatures)			



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Suitably qualified designers should apply the appropriate reduction factors for load based on the application.

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