

Technical Bulletin

Inground Stormwater Tank Cost Comparison

In 2025, a report was prepared by an independent quantity surveyor, Rider Levett Bucknall, to compare the installation cost of ACO's StormBrixx plastic geocellular tank with three different types of concrete tanks:

- **Scenario 1** – Modular Tanks (rectangular concrete tank and cylindrical pipe tank)
- **Scenario 2** – Precast Tanks
- **Scenario 3** – Cast Insitu Tank



Scenario 1, a **modular rectangular concrete tank** and a **cylindrical concrete pipe tank** system were found to be 56% and 148% respectively more expensive when compared to ACO's StormBrixx SD tank.

Tank Details	StormBrixx SD	StormTrap	RainVault
Type of Tank	Plastic Geocellular Tank	Modular Concrete Tank	Cylindrical Pipe Tank
Volume (Storage required 345m ³)	345m ³	357m ³	365m ³
Installation Activity			
Site Preparation	\$185,870	\$221,604	\$363,070
Product Supply and Assembly	\$124,130	\$263,396	\$406,930
Total Cost:	\$310,000	\$485,000	\$770,000
Approximate Installed Cost per m ³ :	\$899	\$1,359	\$2,110
Percentage More Expensive than StormBrixx SD:	-	56%	148%



For more information on installation.

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Scenario 2, ACO's StormBrixx SD tank is 22% cheaper to install when compared to **small precast concrete tank** that can fit on a back of a truck.

Tank Details	StormBrixx SD	Versatile
Type of Tank	Plastic Geocellular Tank	Small Precast Tank
Volume (Storage required 29m ³)	29m ³	34m ³
Installation Activity		
Site Preparation	\$29,395	\$32,600
Product Supply and Assembly	\$15,605	\$22,400
Total Cost:	\$45,000	\$55,000
Approximate Installed Cost per m ³ :	\$1,552	\$1,618
Percentage More Expensive than StormBrixx SD:	-	22%

Scenario 3, the **cast insitu concrete tank** was found to be 62% more expensive when compared to ACO's StormBrixx SD tank.

Tank Details	StormBrixx SD	Cast-in-situ
Type of Tank	Plastic Geocellular Tank	Tank Formed On Site
Volume (Storage required 411m ³)	411m ³	411m ³
Installation Activity		
Site Preparation	\$167,272	\$172,995
Product Supply and Assembly	\$137,728	\$318,345
Total Cost:	\$305,000	\$495,000
Approximate Installed Cost per m ³ :	\$742	\$1,204
Percentage More Expensive than StormBrixx SD:	-	62%

A breakdown of all the 'Site Preparation' and 'Product Supply and Assembly' rates and quantities are contained in the Rider Levett Bucknall indicative cost report for 'Inground Stormwater Tank Cost Comparison'. This report is available on request.

ACO's StormBrixx plastic geocellular tank system is cheaper to install than concrete tanks.



ACO Pty Ltd

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