

AUDIT

99: Rainwater Tank Installation

Checklist

Performance and Compliance Check Level 1 and Level 2 Faults

LEVEL 1

- Are the materials used fit for their intended purpose and where required appropriately authorised?
- Is the rainwater tank adequately supported on a firm base as per manufacturer's installation instructions?
- Are the cross-connection control and backflow protection provisions in accordance with the standards?
- Is the distribution of the rainwater only for an approved use?
- Where a rainwater tank is installed in a new class 1 building as part of the 6 star building requirements:
 - Does the tank have a minimum capacity of 2000 ltrs which is served by
 - a minimum roof catchment of 50 square metres and
 - is connected to all toilets for the purpose of sanitary flushing?
- If reticulated water supply is connected to the building, has an automatic or manual inter-change device been installed to ensure continual supply of water for sanitary flushing?
- Has the installation passed the required hydrostatic test?

LEVEL 2

- Where drinking water is used as top-up, has a visible means to detect water wastage been fitted to the overflow pipe?
- Have the correct flow rates been achieved?
- Has the static pressure at outlets within a building been maintained at or below the maximum 500 kPa?
- Does the installation maintain adequate clearances from other services?
- Does the rainwater tank have overflow provisions?
- Do all the valves, cisterns and taps perform?
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- Does the rainwater tank have overflow provisions?
- Do all the valves, cisterns and taps perform?
- Where required does the installation have isolating valves?
- Does the installation have the correct pipework support?
- Does the installation have the correct depth of cover?
- Where required, does the installation have the appropriate frost protection?
- Has the rainwater tank overflow been installed to the applicable standards?
- Is the tanks overflow termination located so that it will not cause structural damage to other property, flooding, pooling or may cause the tank to become unstable?
- If the tanks overflow is run back to the stormwater system is it sized appropriately?
- Where required, has a modification application been submitted and approved?
- Have the manufacturer's installation instructions been adhered to?
- Has the class of plumbing been indicated on the compliance certificate?
- Where relevant, has documentation for a performance solution been provided?

REFERENCES

Does the installation comply with the minimum industry standards:

- AS/NZS 3500.1: Plumbing and drainage / Water services
- AS/NZS 3500.3: Plumbing and drainage / Stormwater drainage
- AS/NZS 3500.5: Plumbing and drainage / Housing installations
- Plumbing Regulations 2018
- The requirements of Part B and D of the Plumbing Code of Australia (PCA)
- The relevant manufacturer's Installation Instructions

NOTES

The standards and audit items listed on this checklist are intended as a guide only and are not an exhaustive list.

Other standards may be applicable to the installation and should be referenced as required, additionally Audit items may alter dependent on actual work conducted and final installation.

Practitioners are advised to check that they are using the most current edition of the prescribed standards at the time of installation.