

Mouldings Unlimited
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Feilding



Product Notice

The Tank Guy **Emergency Water** 200L tank and kit has been developed by Mouldings Unlimited in conjunction with WREMO as an **affordable** tank solution to provide a way of capturing and storing rainwater for an emergency event. Once connected to a downpipe, water can be collected before and after an event for basic survival until domestic water supplies are restored. The design was reviewed by The Massey University Roof Water Research Centre and evaluated in a year-long GNS research project - both provided recommendations for improvements which have been adopted. To date over 20,000 tanks have been distributed into the Wellington Region.

Many of the features of the tank are included specifically for rainwater collection, a hole for diverter collection and a removable lid that does allow some air movement as the tank fills and empties. The tank **is not an airtight container** and **has not been designed for the storage of tap water over a long period.**

We have recently fielded a handful of cases of insect infestation into the tanks. In all but one case this was the result of the tank being used to store tap water with the diverter hole left uncovered. If the tank is used in this way, then the diverter hole needs to be sealed with tape from both sides of the tank and cling film wrap used around the lid lip to prevent airflow into the tank. It is a Ministry of Health recommendation that chlorinated water can be stored for a maximum of 12 months in an airtight container.

Purchasers have also experienced problems with the taps locking up and not working. The brass tap supplied with the tank was selected over other plastic options for its resistance to UV degradation. The tap is designed to run with some back pressure. Our in-house evaluation during the design stage showed that a new tap does open and work with the 200l tanks. However, in some cases as the taps sit unused and the internal rubber washer dries out and sticks to the wall of the tap. The fix is to turn the tap on and flick the rubber stopper back with a small screwdriver or knife, do not over tighten when closing. If the taps are used regularly this will not be an issue. In an emergency the lid can be removed providing access to the water.

We will be adding to the instructions provided with the installation kits additional information regarding the use of the tank for static storage and instructions on how to open stuck taps.

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