

BUSHFIRE READY WATER TANKS AND FITTINGS



Guidelines for Water Tanks

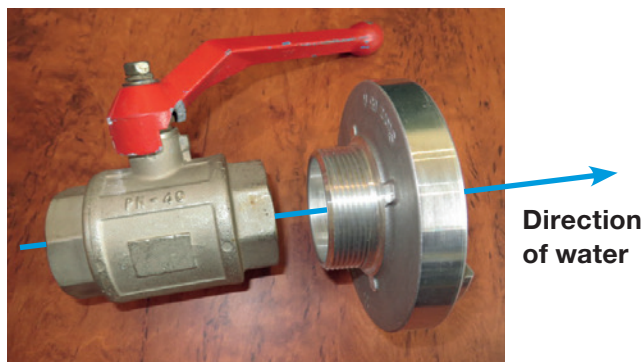
Objective: To ensure adequate water supplies are available for people and fire fighters to defend buildings from bushfires.

Water Tanks for Fire Fighting

Fire Fighting uses large amounts of water. A fire truck needs to be within about 3 metres from a water supply to be able to pump water from it. Swimming pools, dams and tanks may be used as a water source.

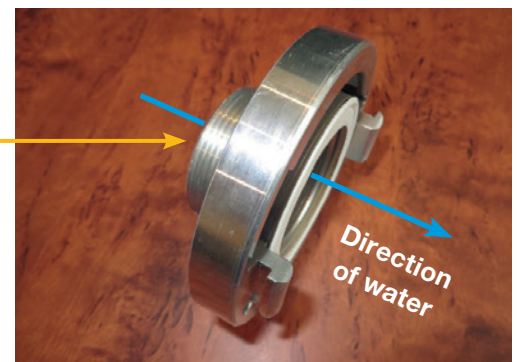
When tanks are supplied for firefighting purposes they will need to be approximately 10,000 litres (2500 gallons) in capacity, ideally manufactured from steel or concrete and be fitted with a 65mm Storz coupling, or must have a minimum 25cm access hole in the top of the tank.

It is recommended you install a ball valve to your tank fitting before the Storz coupling



Storz coupling with 50mm male thread

This end to your tank



As many existing water tanks have a wide variety of outlets, you may need to source an appropriate reducer/adaptor to accommodate your Storz coupling. These are available from a wide range of suppliers.

If Plastic tanks are used they require the bottom 400mm to be protected from the effects of heat and flame of ground fuels and have a 30 metre buffer zone to flammable materials, buildings and vegetation.

Plastic Pipes and fittings should be buried to 30cm depth below the surface.