Shipping containers are subject to “Jet Fire” testing for structural integrity, this is a standard used far in excess of bushfire test methods.

Drop testing is also carried out to ensure it maintains its structure.

Structural integrity of a container while subject to 100 tones of load.
The Bushfire Survival Cell’s Construction

The exterior is clad in Magnesium Oxide Board offering 2 hours protection in a furnace test (4 Times the Bushfire Flame Zone testing).

Internally clad with 3 hour fire rated insulation (6 Times the Bushfire Flame Zone testing).
The Bushfire Survival Cell’s Construction

Window uses fire rated steel reinforced glass compliant to AS1530.4
Backed up with a Flame Zone rated Wildfire Shield compliant to AS1530.8.1
Double glazed behind the shield with 6mm laminated glass
System operates as an emergency exit

All exposed steel work is coated in intumescent coatings offering 1 hour (twice Bushfire Flame Zone Testing) protection
First step of welding double doors, cutting the single doorway and window

Window & door frames welded in along with top hats inside and out

Unique window frames allow shutter deployment in-between the double glazing

Unique internal pelmet system is installed
The Bushfire Survival Cell’s Progression

Exterior being clad with Magnesium Oxide Board
Edges are protected with steel corner plates

Internal fire rated insulation installed along with Fire Check Board and cornice
Insulated Fire Door fitted

Two Wildfire vent systems installed

Outer intake is positioned low to allow the cooler less smoke filled air to be drawn. Stainless steel mesh filters the larger particles, with an inter particlal filter removing the bushfire smoke fumes

Wildfires own, Spark & Flame arrested air venting system, fitted with double smoke seals and UV stabilized intumescent seals, operated by our own sturdy constructed winder mechanism
The Bushfire Survival Cell’s Progression

The Wildfire Bushfire Survival Cell nears completion