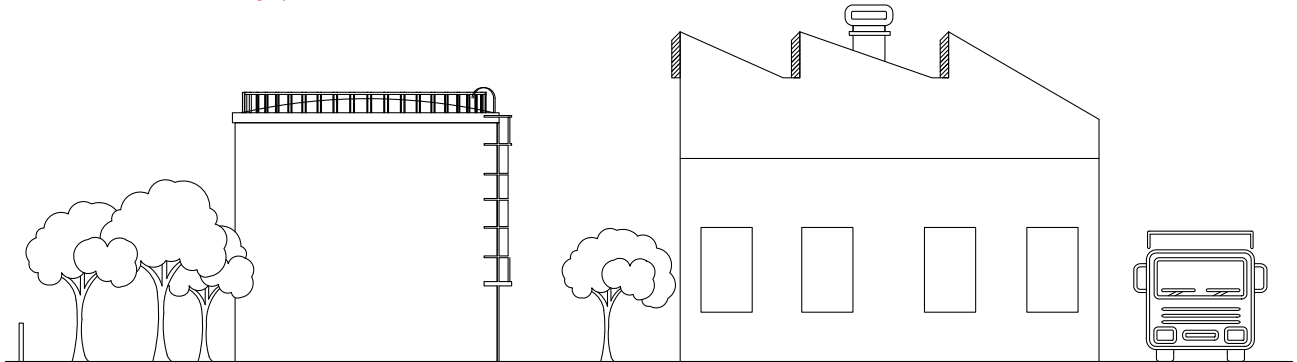




You can't afford to turn off your business on every total fire band day. Is your business protected with Bushfire Mesh? Is it part of your business continuity plan?

INDUSTRIAL / AGRICULTURE APPLICATIONS



Five reasons to install SSWM Bushfire Mesh

Bushfire Mesh is a low cost solution that will reduce the likelihood of damage to your asset from a bushfire. Your asset is the means of your income generation and without it your business may not recover.

- 1 Bushfire Mesh reduces the building exposure to radiant heat that can cause fire
- 2 Embers carried by the wind that can cause fire are caught and held by Bushfire Mesh and stops the ignition source
- 3 The product is easily handled meaning the installation is simple and effective
- 4 The product is manufactured to quality standards, is strong and low maintenance
- 5 Bushfire Mesh can provide protection to your staff and assets that will keep you trading during fire emergencies

Bushfire Mesh Applications

- Creation of your defensible space and immediate zone around the asset
- Passive asset protection in isolated locations
- Protecting assets that have high risk material storage (chemicals, fuels, feed)
- Strengthening your Emergency Management Plans (EMP)
- Protecting critical infrastructure that is expensive to replace (telecommunications, farm equipment, watering equipment, hay sheds)
- Providing protection to secondary at risk locations while focus is on defending primary infrastructure
- Fire breaks around highly valued assets and crops

SSWM Bushfire Mesh complies with

BCA Regulations 158
Australian Standard AS 3959
Requirements under the Asset Emergency Management System
Requirements under the Government Royal Commission Findings

SSWM Bushfire Mesh has been independently tested by

CSIRO against the Australian and International Standards
United Laboratories (UL) against United States and International Standards

Product Installation

SSWM's Bushfire Mesh range can be retrofitted to existing properties with simple and quick installation.

Mesh comes in different widths and lengths and allows customisation to protect your space.

SSWM Bushfire Mesh range has been independently tested by CSIRO and meets the physical properties of AS 3959-2018.

Before commencing your installation you should consult a Fire Protection Australia (FPA) Australia- Bushfire Planning and Design (BPAD) Accredited Practitioner and contact your local council and fire authority to ensure you are meeting all the building and AS3959-2018 requirements.



- ★ Quality Assured
- ★ Product Innovation
- ★ Versatile Product Range
- ★ Extensive Stock Holding
- ★ Speed to Market



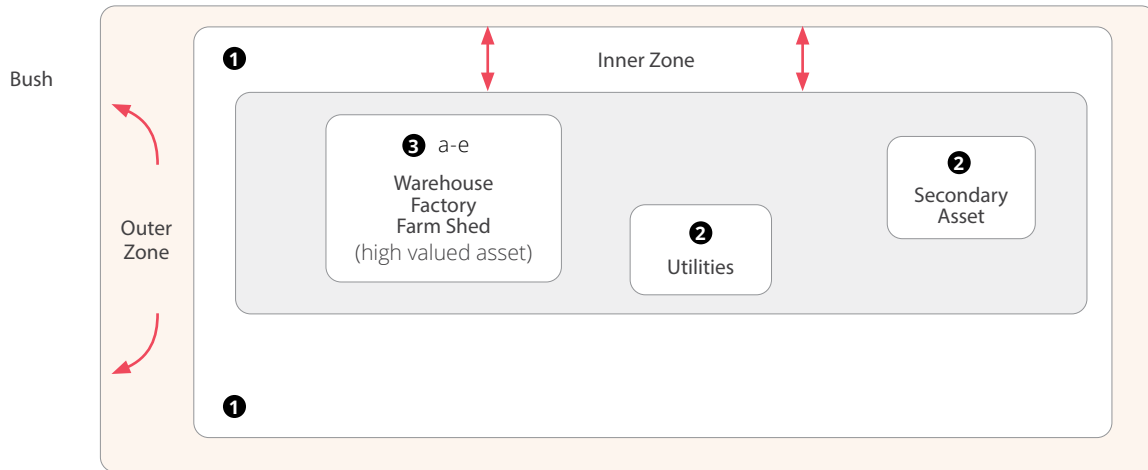
Superior Quality
THE LASTING DECISION

July 2021



Keeping you operating on days of severe, extreme and code red days.

INDUSTRIAL / AGRICULTURE APPLICATIONS



Applications for sectors

- **Agriculture**
Protection for animals, plants, crops & farm infrastructure
- **Essential Services**
Direct infrastructure and supporting infrastructure gas, electricity, water & telecommunication
- **Warehouses & Factories**
Buildings with high valued large fixed and mobile equipment and supporting infrastructure
- **Commercial Buildings (retail & trade outlets)**
Buildings with internal infrastructure and high value stock

Embers cause up to 80% of home & business ignition during bushfire events. Bushfire Mesh can prevent ember attack and radiant heat exposure to your building and assets. Decreasing the chance of asset ignition and allowing your business time to evacuate or wait for emergency services, when dealing with extreme fire conditions.

Bushfire Mesh Defendable Space Applications

- 1 Defendable Space - 1600mm Bushfire Mesh Tough Rolls supported on existing Fence
- 2 Window Protection - 900mm Bushfire Mesh Tough rolls preventing ember and radiant heat
- 3 High valued asset protection:
 - a Stainless steel gabions filled with rocks forming a fence 5 meters from the building (height 1200mm) – Radiant heat protection and ember attack protection
 - b Bushfire Mesh Extreme sheets (120mm) between gabions allowing air to pass through and not deflecting air upwards where Embers can be transported over the Barriers
 - c Bushfire Fire Tough sheets (1600mm) positioned above the stainless steel gabions and Bushfire Mesh Extreme sheets stopping any embers from reaching the SIP total height is now 2800mm
 - d The Shelter to have Bushfire Mesh Tough sheets installed on windows, doors and services to deflect radiant heat
 - e Bushfire Mesh Tough Mesh installed on cooling systems

SSWM's Bushfire Mesh - Perimeter Ember Fencing

Bushfire Mesh Perimeter Ember Fencing is attached to the external perimeter fence of an industrial or agriculture property. The perimeter ember fence will allow the fence line to become the first line of defense for the defendable space. The perimeter ember fence will catch the fire front embers blown along the ground. Bushfire Mesh is tested and shown to create valuable time against a bushfire.

Defendable Space / Asset Protection Zone / Buffer Zones

- Inner Protection Area (IPA), closest to assets, incorporating the defendable space aiming to minimize the impact of radiant heat and direct flame
- Outer Protection Area (OPA), located between IPA and unmanaged vegetation / bush aiming to reduce the intensity of approaching fire, by restricting the pathways to crown fuels, suppressing the level of direct flame, radiant heat and embers attack on IPA and the asset.



July 2021