

## Lasting peace of mind for your family & home.

Over 80% of houses lost to fire are due to ember attack and radiant heat. Bushfire Mesh can prevent ember attack and radiant heat exposure to your home and can create valuable time when dealing with extreme fire conditions.

*When you leave early, you want to give your home the best chance of survival.*

SSWM have worked with CSIRO (Australia's equivalent of NIST) and Australian Universities to develop solutions in reducing the risks of wildfires to your home. Bushfire Mesh is a cost-efficient solution to protect your assets from wildfires and can be easily installed in the following applications:

### Five reasons to select Bushfire Mesh

Bushfire Mesh is an effective barrier that reduces the likelihood (over time) of building damage from bushfire.

- Embers carried by the wind that can cause fire are caught and held by Bushfire Mesh and stops the ignition source and spot fires
- The product reduces the building exposure to radiant heat that can cause fire
- The product is easy to handle meaning the installation is simple and effective
- The product is manufactured to ISO 9001 quality standards, is strong and low maintenance
- Bushfire Mesh can provide you valuable time to prepare you and your home against ember attack



- ★ Fire Rated - Class A
- ★ Quality Assured
- ★ Company Innovation
- ★ Easy Installation
- ★ 20 years Australian Ind. leader

### Defensible Space & Perimeter Ember Fencing

Bushfire Mesh Perimeter Ember Fencing is attached to the external perimeter fence of residential homes. The perimeter ember fence will allow the fence line to become the first line of defence for the defensible 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.

### Product Installation

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

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

Bushfire Mesh has been tested to UL 723 / ASTM E 84 – Surface Burning Characteristics of Building Materials and meets a Class A Fire-Rated Building Material classification. Before commencing your installation, you should consult with the NFPA / Firewise, State or Local Fire Authority home hardening guidelines or a Wildfire Home Assessment specialist.



## RESIDENTIAL APPLICATIONS



### Applications

Bushfire Mesh is a versatile product that's available in different sizes to meet your protection needs. The product is easy to handle and install and therefore can be utilized in a variety of applications.

BUSHFIRE MESH		Roll Width			
Aperture	0.0657" / 1.67mm				
Wire Diameter	0.0177" / 26 SWG / 0.45 mm				
Grade	316				
		7.5"	36"	49"	60"
Bushfire Mesh Applications		7.5"	36"	49"	60"
1. Vents & weepholes * ^ ~ **		✓	✓		
2. Screens for windows & doors * ^ **		✓	✓	✓	
3. Roofs * ^ **			✓	✓	✓
4. Evaporative air cooling system ^ **			✓	✓	✓
5. Eaves & awnings (soffits) ^ ~ **			✓	✓	✓
6. Enclosing patio's, subfloor spaces & decks ^ **			✓	✓	✓
7. Gutter & valley leaf guard * ^ **		✓			
8. External inlets and outlets ~ **			✓	✓	✓
9. Perimeter fence **			✓	✓	✓
* CAL FIRE retrofit list		~ IWUIC approved applications			
^ CSIRO approved applications		** UL 723 / ASTM E 84'			

### CAL FIRE 10 low cost retrofit list:

- ✓ Class A fire rated material
- ✓ Corrosion resistant
- ✓ Non Combustible Material