

TESTING SUMMARY

Our Bushfire Mesh range is the result of a decade-long commitment to excellence. With a focus on independent testing and strict adherence to Australian and international standards, we are confident in its ability to withstand the harshest conditions. And, our testing verifies that our mesh protects against all three threats of a bushfire.

Stainless Steel
BUSHFIRE MESH 



Independent testing authorities



Bushfire Test & Standards

Aperture Dimensions
AS 3959 - 2018

Non Flammable
Material
AS 1530.1-1994



Mechanical Test

Impact Resistant
AS 5039 2008



Stainless Steel Woven Mesh Standards

SS Chemical Composition
ASTM - 580/A580M-18

SS Woven Cloth
ASTM E2016-22

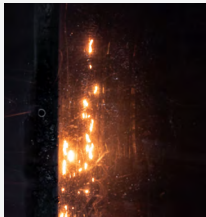


Corrosion Test

SS Corrosion Resistance
AS/NZS 2331.3.1 2001



Ember Shield



University of Southern Queensland
(USQ)
Report No: Project 1007952



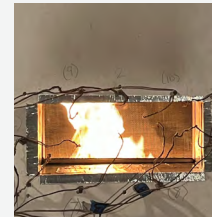
Radiant Heat Shield



AS 1530.8.1
CSIRO
Report No: EP116738



Flame Shield



ASTM E2886
QAI Laboratories
ISO Accredited 17025
Report No: RJ8845

Independent Testing shows BFM Shield protects against the 3 threats of bushfires



Stops dangerous embers
from passing



Reduces Radiant heat transfer
Ultimate 50% reduction
Extreme 48% reduction
Tough 35% reduction



No flaming ignition on the
non-flame side (vertically).
Temperature behind mesh less
than 250°C.



Refer to Technical Data Sheets for Specific Testing

Bushfire Mesh Shield complies with the following regulators and stakeholders requirements in combating the threat of bushfires.

- Building Council of Australia for AS 3959 - 2018 Building in a Bushfire Prone Area
- California Building Code Chapter 7A, ASTM E2886 Flame Impingement Test (Vertical)
- International Wildland-Urban Interface Code (IWUI)
- International Association of Wildland Fire (IAWF)
- CSIRO
- IBHS (US)
- Wildfire Prepared Home
- Rural Fire Service NSW
- Bushfire Building Council of Australia

