



AMPLIMESH® FIRE ATTENUATION SCREENS

Feel Safe Inside.



Minimise the risk of fire with Amplimesh® Fire Attenuation Screens.

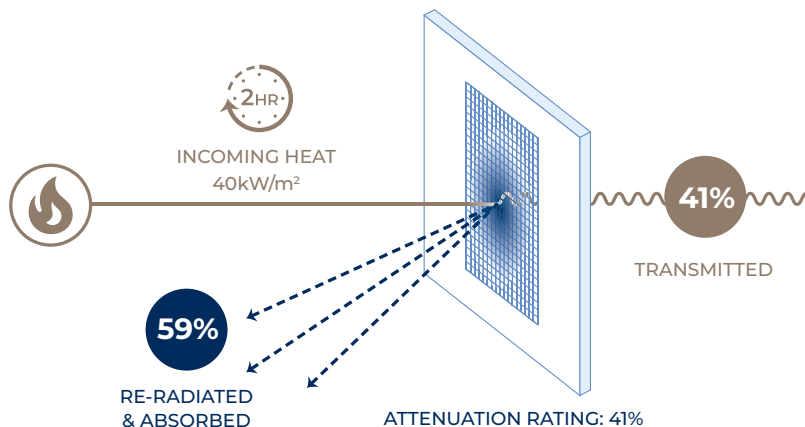
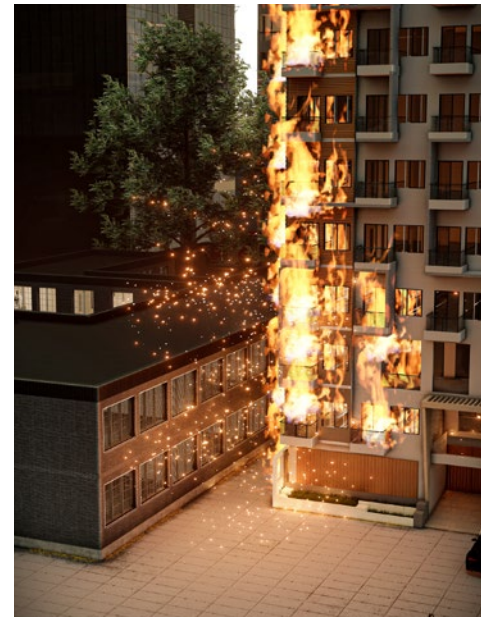
Fire attenuation screens are designed to resist radiant heat to minimise the risk of fire spreading between buildings. The purpose of a fire attenuation screen is to increase the chance of people safely leaving a building under threat of fire and reduce the intensity of the fire impact whilst the fire is being brought under control. Put simply the role of a fire attenuation screen is to reduce the heat entering a building through an opening so that internal elements are less likely to ignite.

The National construction code requires that openings within buildings less than 3m from a property boundary or within 6m of another building in the same allotment must be protected from fire.

Amplimesh® Fire Attenuation screens have been subjected to two hours of rigorous testing by the CSIRO and in accordance with relevant Australian Standards.

During testing, Amplimesh® OneFrame and SupaScreen® was subjected to an irradiance heat of 40kW/m² for a period of 2-hours and demonstrated a reduction to radiant heat by up to 59%, significantly lowering the threat of fire*.

For peace of mind and consistent performance, Amplimesh® systems have been tested with two different fixing types – direct to structure and using aluminium angles – providing design and installation flexibility. When specified as part of a performance solution, Amplimesh® fire attenuation screens can be used to achieve compliance with the requirements of the National Construction Code for fire protection.



Amplimesh® fire attenuation screens are fitted with a label confirming their installation date and testing compliance. This label should not be removed.

Test Results

Approved to:

AS1530.4 – 2014, Appendix B7

Radiant Heat Flux: 40kW/m²

Duration: 121 Minutes (2 hours)

Result:

Attenuation of OneFrame & SupaScreen®.

When exposed to a nominal 40kW/m² was 41%. Meaning a reduction of 59%

Test Report:

FSZ 2155 & FCO – 3145 Rev C

FOR MORE INFORMATION, VISIT

amplimesh.com.au

or call 1800 267 546

* Amplimesh® OneFrame & SupaScreen® with our high tensile 316 marine grade stainless steel mesh tested in accordance with AS1530.4 – 2014, Appendix B7 subjected to radiant heat flux of 40kW/m² for a duration of 121 minutes. Attenuation of OneFrame & SupaScreen® when exposed to a nominal 40kW/m² was 41%. A registered fire certifier or fire engineer should be consulted with regards to installation of the Amplimesh® security screen system as a fire attenuation screen. Installation must be in accordance with details outlined in the Amplimesh® OneFrame and/or SupaScreen® technical manuals Section 6.

