

Screen Products That Help Reduce Fire Risk At Your Windows and Doors

Tested and Recognized for Wildfire Protection

In independent testing, our screens were shown to reduce the transmission of burning embers, preventing ignition to adjacent materials, consistent with requirements in ASTM E2886.

This testing also confirmed that our Security Window Screens reduced radiant heat transfer by more than 40%.

Products using Genuine MESHTEC™ Mesh have been tested against some of the most stringent wildfire building standards in the world, including Australia's AS 3959 ("Construction of Buildings in Brushfire-Prone Areas"), AS 1530.4, and 1530.8.

MESHTEC™ Mesh uses materials, such as stainless steel and aluminum, that are consistent with the types of noncombustible, corrosion-resistant materials referenced in California's Chapter 7A for related building components.

TITAN
Security Doors and Window Screens

A Critical Benefit at a Critical Time

During a wildfire or exterior fire event, doors and windows can be vulnerable points in a home. Conventional frame materials can fail when exposed to sustained heat, and typical window glass can crack and break under high heat stress, opening a path for flames and embers.

The materials used in our screens are designed to withstand intense heat, and that difference matters when fire is nearby.

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How Fires Spread Through Doors and Windows

Two primary risks exist at doors and windows during a fire event: ember intrusion and convective/radiant heat. Intense heat can cause conventional frame materials and glass to fail, removing the barrier entirely. Embers that pass through a window opening can land on curtains, carpeting, or furniture and ignite a fire inside the home.

Our products are designed to address both ember resistance and heat attenuation.

Learn More

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- **Materials That Hold Up Under Heat:** The materials used in our screens are designed to withstand intense heat and provide protection over window and door openings.
- **Mesh Geometry That Limits Ember Passage:** Genuine MESHTEC™ Mesh limits the passage of burning embers through the screen that cause ignition to materials on the interior of a home.
- **Heat Attenuation At The Screen Level:** Genuine MESHTEC™ Mesh used in screens deflects, disperses, and reduces radiant heat transfer, increasing protection from the spread of fire.