



# HOME HARDENING 2

## Prepare now: Harden your home to help it survive wildfire.

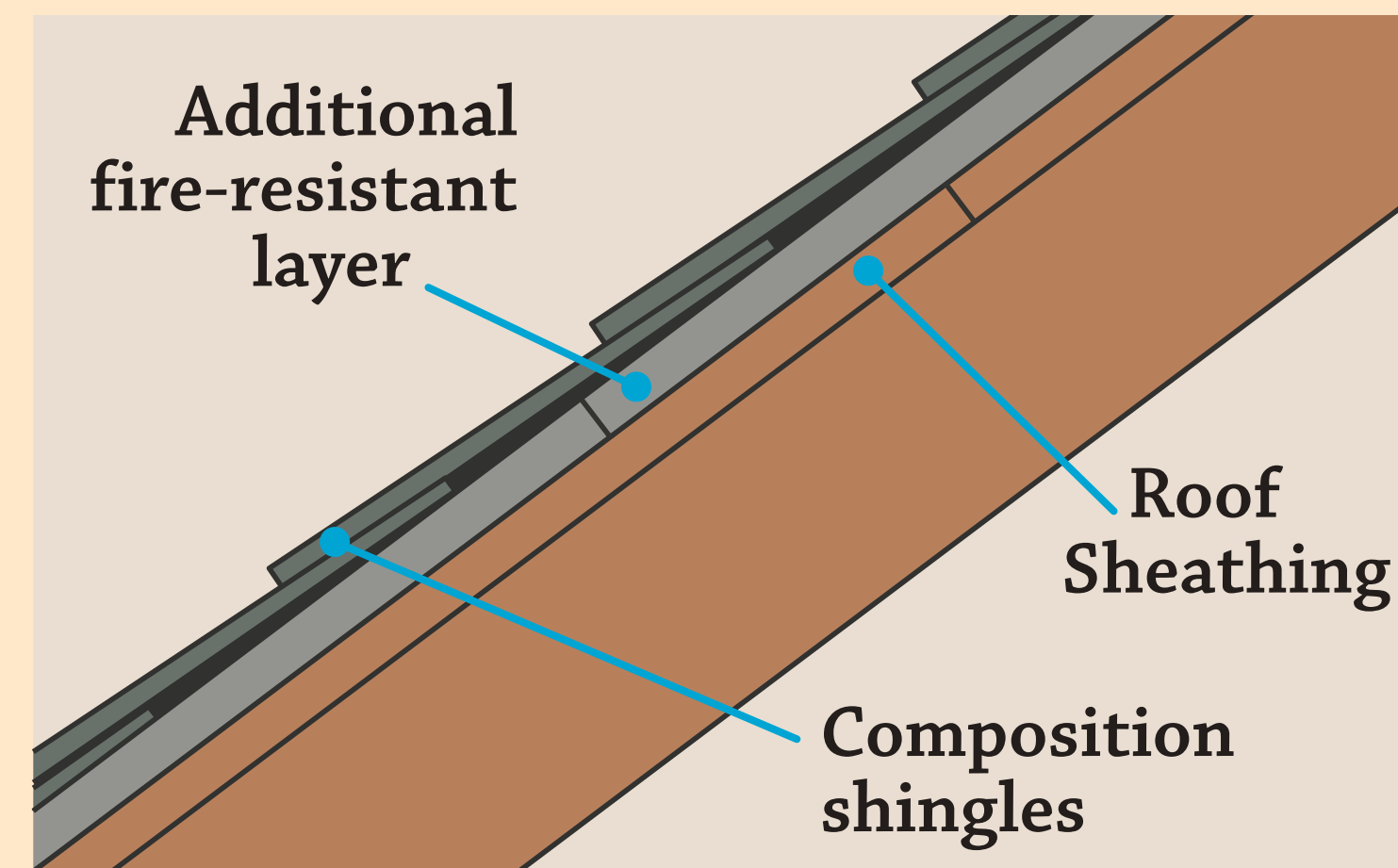
### ROOF

Build your roof or re-roof with materials like composition, metal, clay or tile.

There are three fire ratings for roof coverings: Class A, Class B and Class C, with **Class A** providing the greatest fire protection.

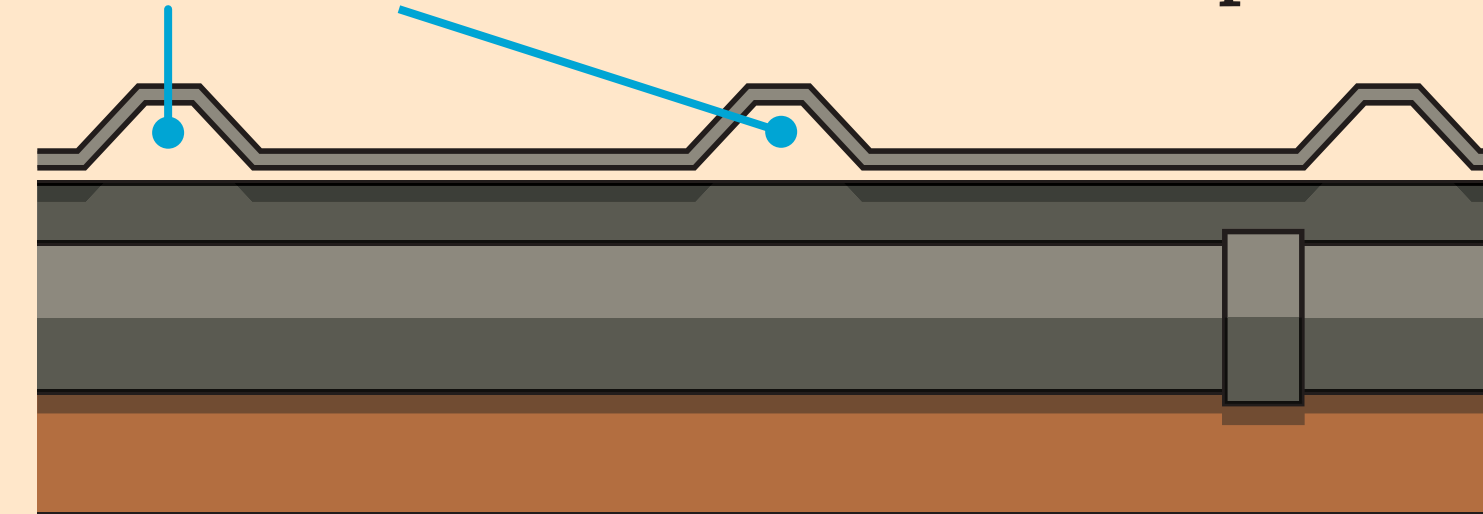
*The roof is the most vulnerable part of your home. Homes with wood or shingle roofs are at HIGH RISK of catching fire and being destroyed during a wildfire.*

#### CLASS A "BY ASSEMBLY" FIRE-RATED ROOF COVERING



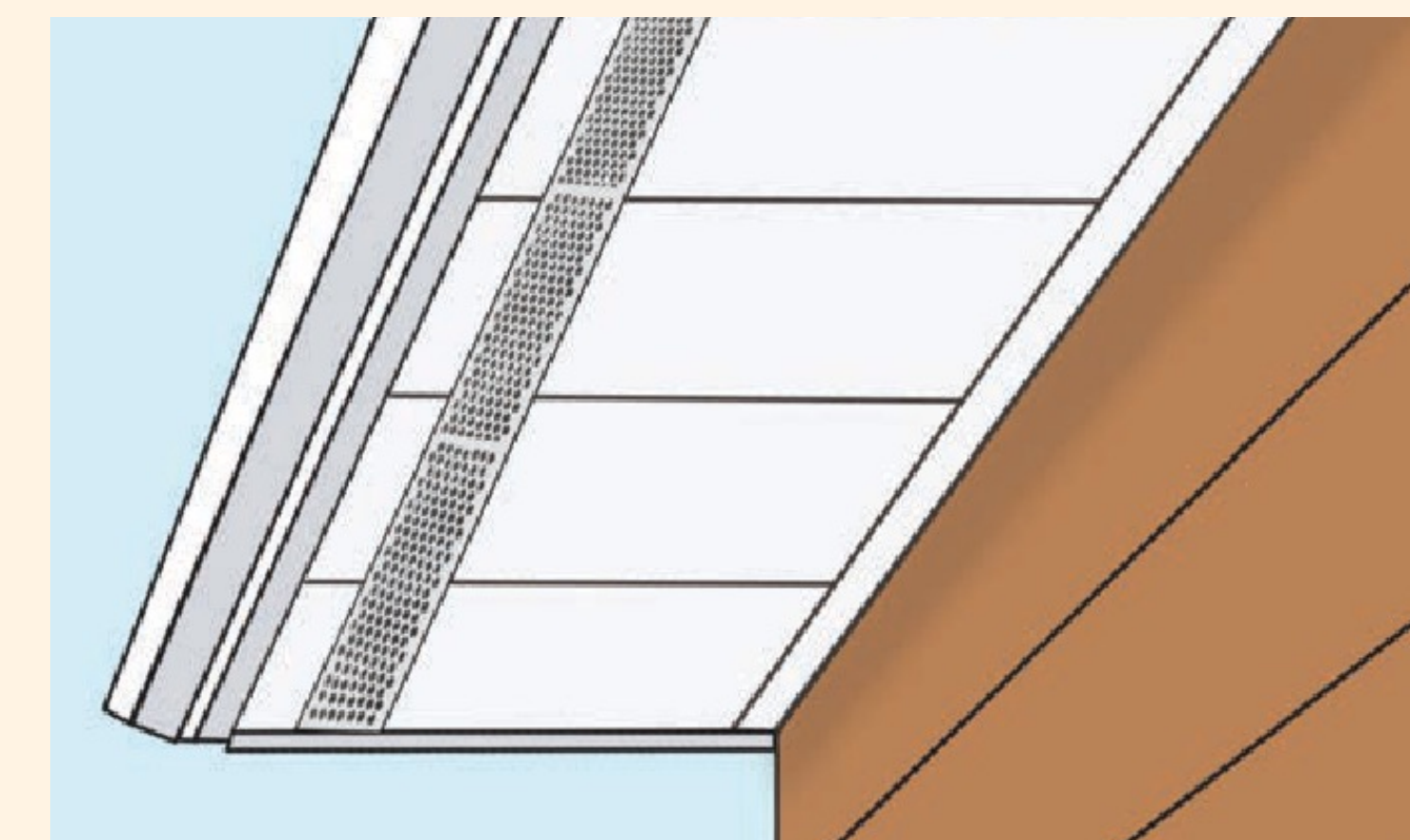
#### METAL ROOF

Fill spaces with a noncombustible material such as a mineral wool insulation product.



### EAVES

#### SOFFITED (ENCLOSED) EAVES



#### EAVES OPEN and VULNERABLE



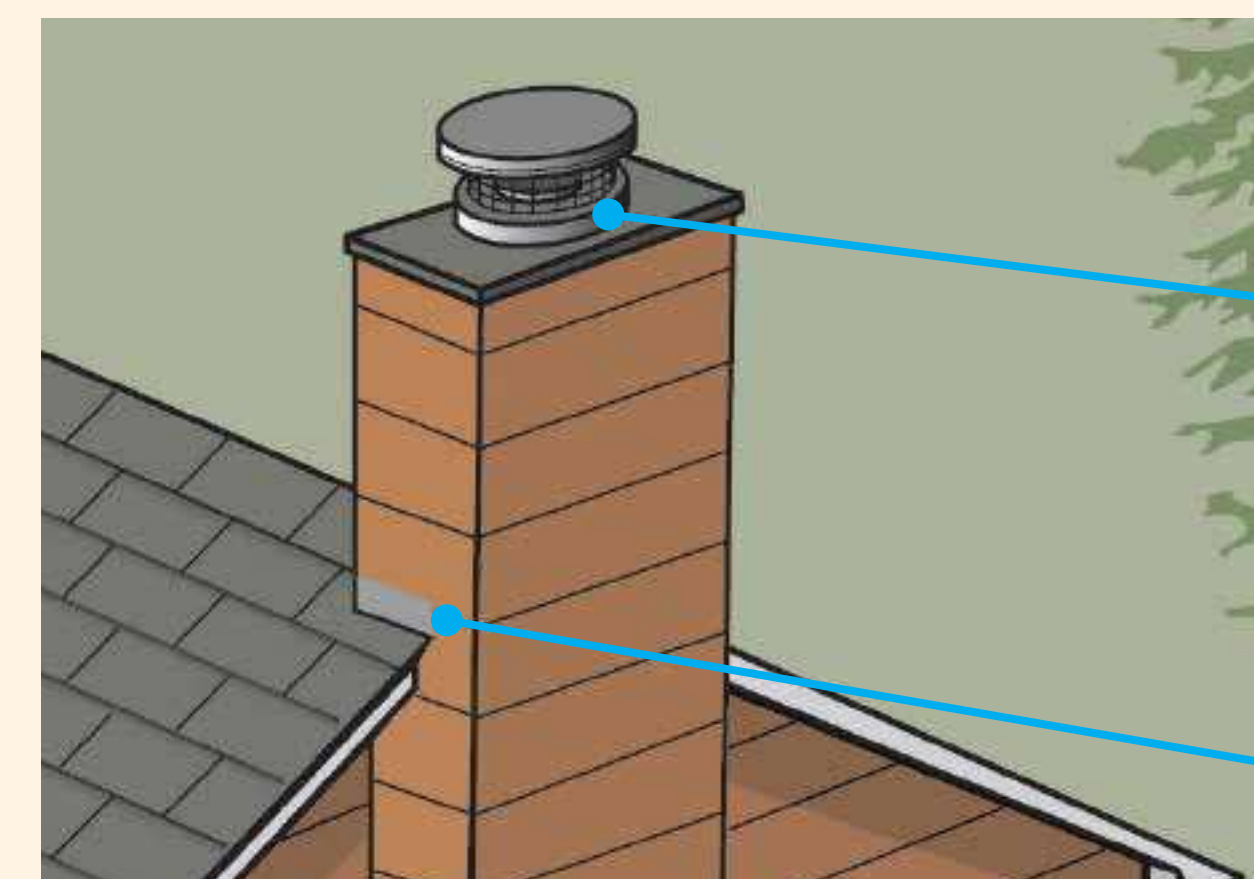
Enclose all open eaves to protect your attic and roof from webs, nests, embers and flames.

### EDGES

Install metal flashing at roof-to-wall intersections.



Cover rain gutters to keep out leaves and other flammable materials.



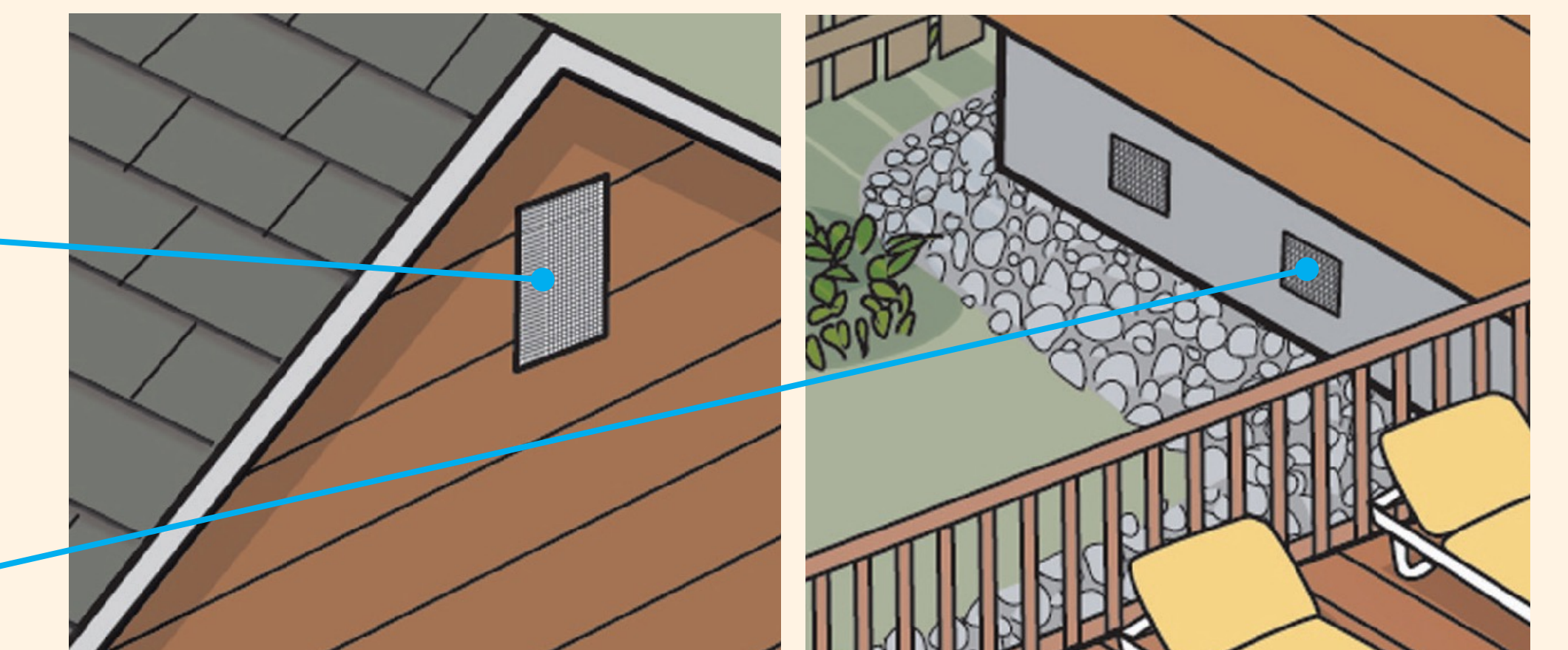
### CHIMNEY

Cover chimneys with a metal screen that has openings no smaller than 3/8-inch and no larger than 1/2-inch to minimize embers leaving the chimney.

Install metal flashing at the chimney-roof intersection.

### VENTS

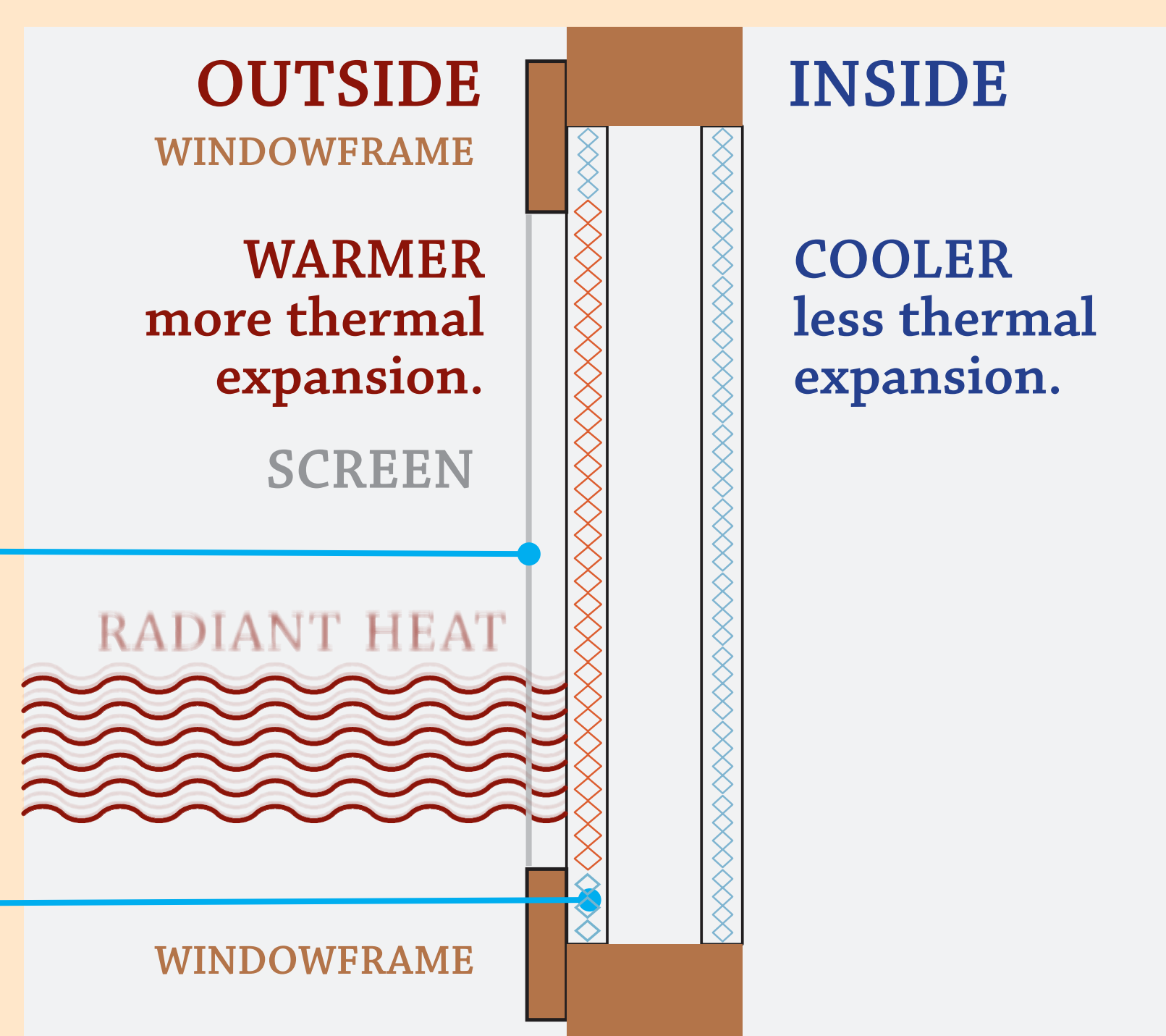
Cover all vents with 1/8-inch mesh screening. Small screens can reduce the size and number of embers that can pass through. Because the embers are smaller, they self-extinguish quickly after entering the attic and crawl space.



### WINDOWS

Install screens in all operable windows. Screens keep embers out of the home and decrease your exposure to radiant heat.

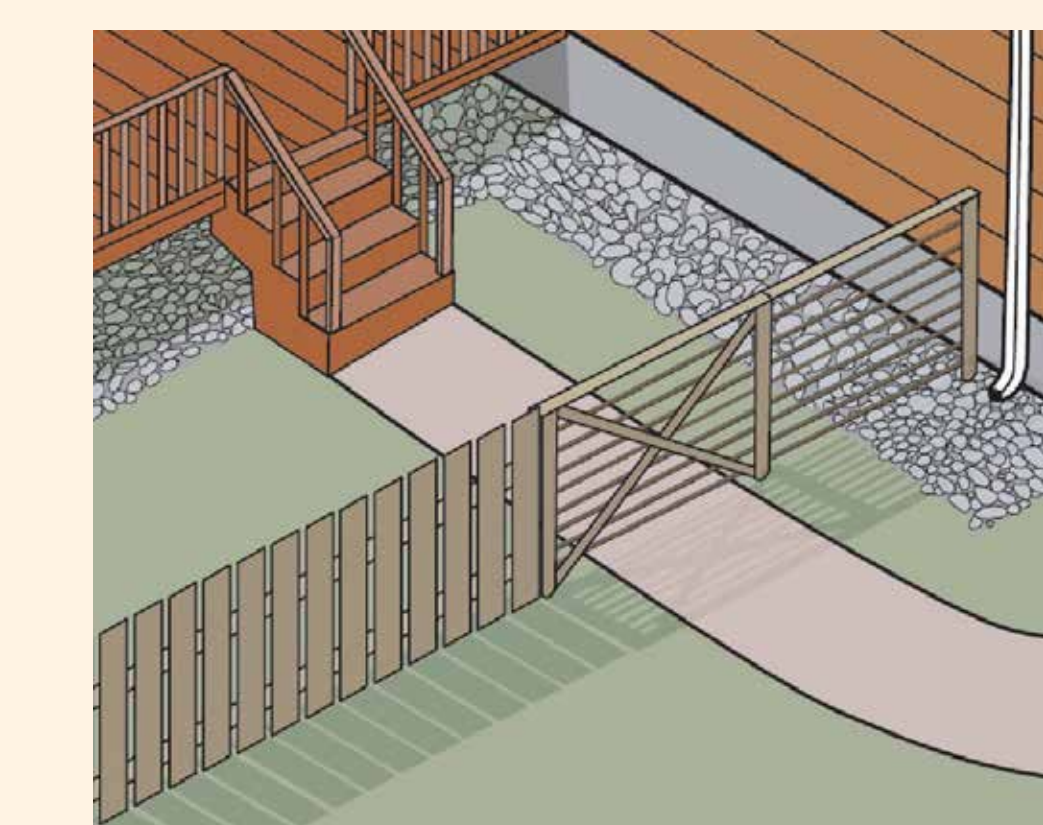
Extreme thermal stresses result in cracks that start at the edge of the glass, causing the window to break.



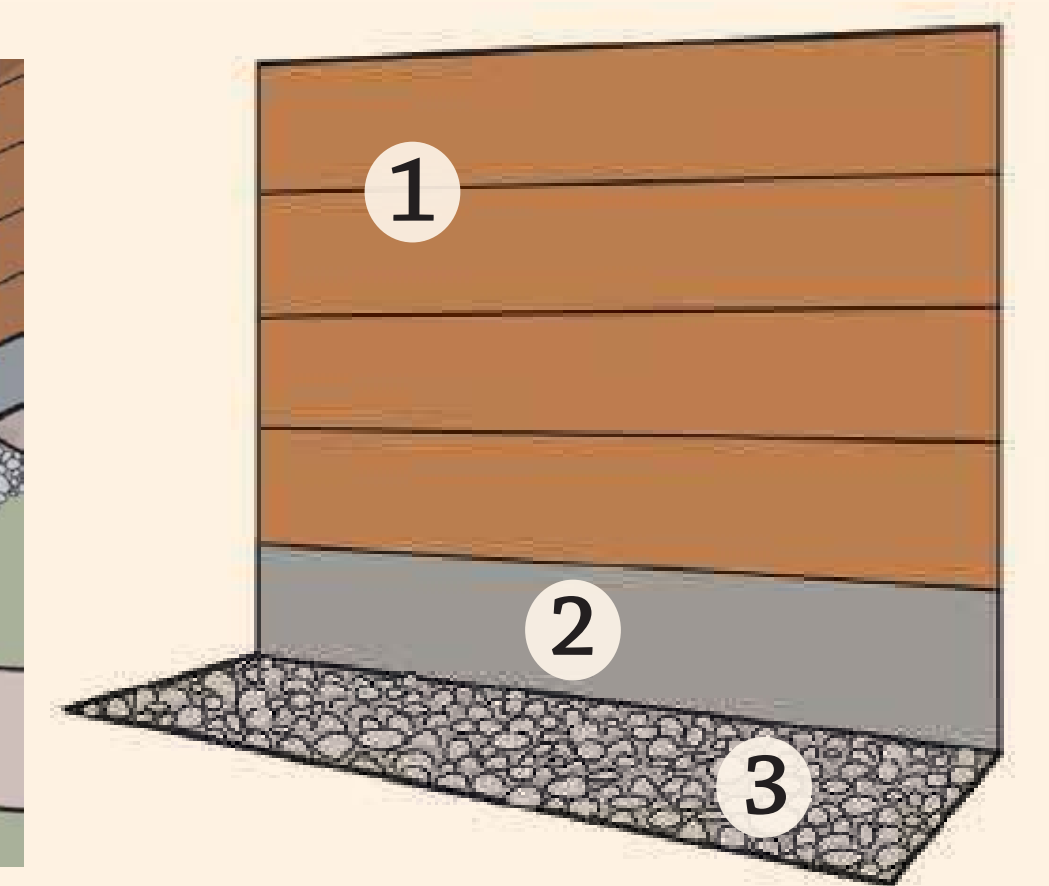
DUAL-PANED WINDOW

If neighbors or other structures are within 30-feet of the home, consider installing deployable, noncombustible shutters to provide extra protection.

When replacing windows, choose multi-pane options containing tempered glass, which is three to four times more resistant to heat exposure than typical annealed glass.



Rather than replacing an entire fence, replace the 5-feet closest to the home with a metal or other noncombustible option. Store firewood at least 5-feet from the home as well.



- 1) Noncombustible fiber cement siding
- 2) 6-inch concrete foundation
- 3) Gravel ground cover



SLO COUNTY FIRE SAFE COUNCIL

To learn more about creating defensible space and hardening your home, and to download checklists, the CalFire app, and other valuable resources, visit [READYFORWILDFIRE.ORG](http://READYFORWILDFIRE.ORG)