



Item 28.1 Deck Attached to Residence – Ignition resistant deck material within 1 ft of house exterior can reduce risk of ignition.

Note: Selected photographs are included to illustrate each HMM hardening item. Additional vulnerabilities or hardening items may be seen in the photographs, but those are highlighted within their specific HMM item.

HMM Reference

NIST Technical Note 2205,  
Deck Attached to Residence,  
Table A, Item 28.1 (Page 60)

Project: HMM House

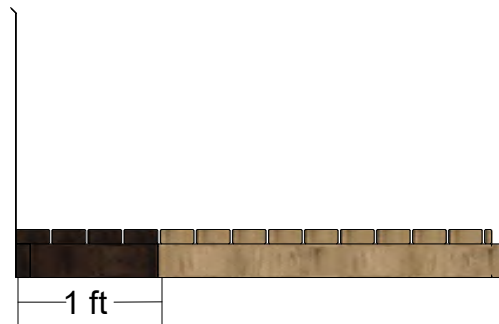
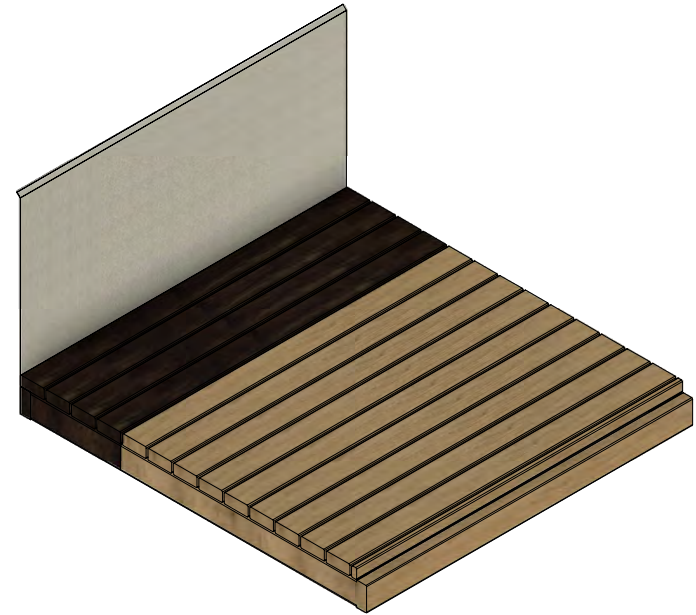
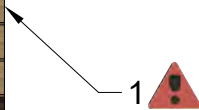
Size: A

Scale: 1:20

Sheet: 1/1

- **Hardening Action:** Replace walking surface boards with ignition resistant deck board for first 1 ft away from residence
- **Applicable Conditions:** Combustible deck, stairs, and landing attached to residence
- **Performance Goals:** Prevent ignition of deck and limit flame spread to exterior wall

Installation Cautions



Notes

- Area under deck footprint must be free of combustibles

Color Coding

- Gray: Metal flashing
- Dark Brown: ignition resistant deck boards
- Light Brown: existing decking material

Fire Hazards



1. Decking beyond first 1 ft away from residence, and any combustible objects on deck, are still vulnerable to ignition.