



Damaged combustible deck



Noncombustible deck with concrete steps and metal rail



Damaged combustible deck



Noncombustible landing and steps

Source: ADAI, Univ of Coimbra

Item 28.2 Deck Attached to Residence – Replace combustible deck material with noncombustible material to reduce risk of ignition.

HMM Reference

NIST Technical Note 2205,
Decks Attached to Residence,
Table A, Item 28.2 (Page 60)

Project: HMM House

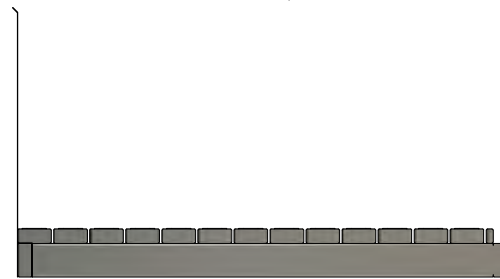
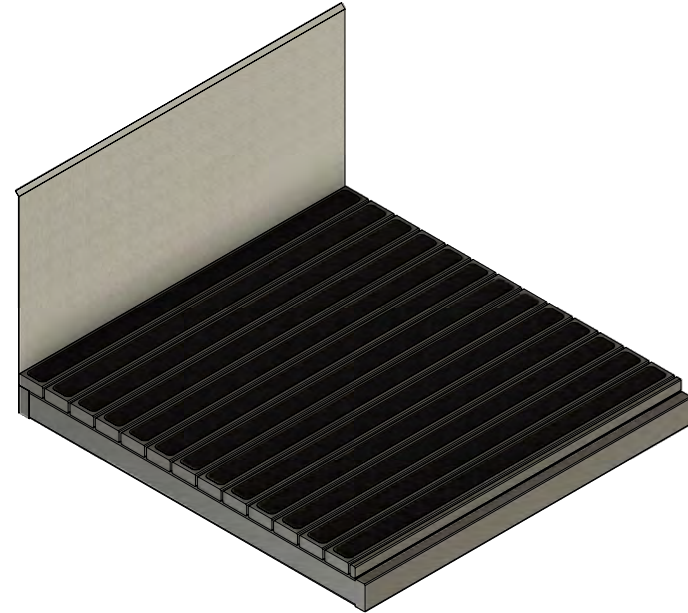
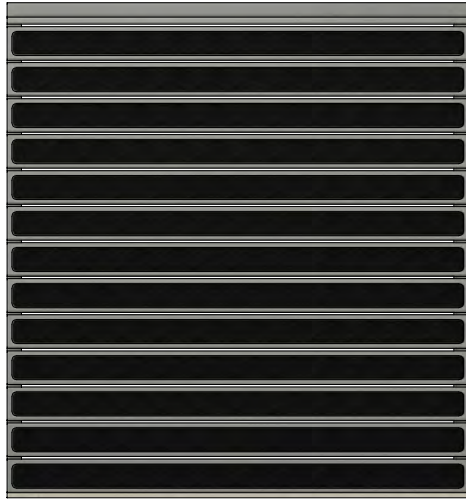
Size: A

Scale: 1:20

Sheet: 1/1

- **Hardening Action:** Replace entire deck with ignition resistant option (metal or other material)
- **Applicable Conditions:** Combustible deck, stairs and landings attached to residence
- **Performance Goals:** Prevent ignition of deck and limit flame spread to exterior walls

Installation Cautions



Notes

- Matched in NFPA 1140, ICC IWUIC

Color Key:

- Light Gray: Metal flashing on exterior of residence
- Dark Gray: Metal deck framing
- Black: Ignition resistant decking material

Fire Hazards

