



California State Fire Marshal **CODE INTERPRETATION**

Date Issued	6-14-06	Interpretation #	06-003
Topic	Membrane Protection for Type V-1 hour R-1 Occupancy		
Code Section(s)	California Building Code - 2001 edition: Sections 709.6, 709.7, 710.2 and 710.3		
Requested by	Larry A. Paul, AIA L.A. Paul & Associates Architects and Planners 1829 Union Street San Francisco, ca. 94123		

Subject Building: 3 story, Type V-1 hour, fully sprinklered, R-1 Occupancy (6 units), masonry exterior walls, wood framed interior walls, floors and roof, 1-hour fire-resistive floor/ceiling and roof/ceiling assemblies and 1-hour demising walls between units.

Sections 709.6, 709.7, 710.2 and 710.3 permit exceptions to membrane penetrations for electrical outlet boxes, etc.

- 1. Do these permitted exceptions include recessed light fixtures, exhaust fans and similar penetrations in the floor/ceiling or roof/ceiling assemblies?***

No.

- 2. If so, is any other protection required?***

N/A

- 3. If not, does the recessed fixture have to be wrapped with sheetrock to fully enclose the joist bay around the fixture?***

Yes, this is one method to maintain the rating around the fixture, when the installation is in accordance with the manufacturer's instructions. Other approved rated designs are also acceptable.

06-003 – Paul
Page Two

4. *Can a fire-rated fixture be used?*

Yes.