

CHAPTER 16 STRUCTURAL DESIGN

SECTION 1607.1, TABLE ITEM 28
IBC Interpretation No. 37-07
2006 Edition
Issued: 12-07-2007
 BU_06_37_07

TABLE 1607.1
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS AND MINIMUM CONCENTRATED LIVE LOADS ⁹

| OCCUPANCY OR USE | UNIFORM (psf) | CONCENTRATED (lbs.) |
|--|---------------|---------------------|
| 28. Residential | | |
| One- and two-family dwellings | | |
| Uninhabitable attics without storage ⁱ | 10 | |
| Uninhabitable attics with limited storage ^{i,j,k} | 20 | |
| Habitable attics and sleeping areas | 30 | |
| All other areas except balconies and decks | 40 | — |
| Hotels and multiple-family dwellings | | |
| Private rooms and corridors serving them | 40 | |
| Public rooms and corridors serving them | 100 | |



Q: The provisions for “hotels and multiple-family dwellings” referenced in Item 28 of Table 1607.1 of the *International Building Code* specifies a uniform live load of 40 psf for individual (private rooms) sleeping units and dwelling units and for the corridors that serve them.

Where no public rooms or spaces are provided, does the 40 psf uniform live load apply to corridors located outside individual (private rooms) sleeping units and dwelling units that provide access to and egress from the individual (private rooms) sleeping units and dwelling units as well as corridors located within and serving an individual (private rooms) sleeping unit or dwelling unit?

A: Yes. Corridors that exclusively provide private access to or private egress from multiple individual (private rooms) sleeping units, such as Group R-1 hotel rooms, and multiple individual dwelling units, such as Group R-2 apartments, may be designed for a uniform live load of 40 psf. Corridors designed for a uniform live load of 40 psf and are provided exclusively for serving individual sleeping units or dwelling units can be located either outside and/or inside the individual units.
