

Chapter 327 – Camping Units

Part II – Construction standards



SPS 327.20

- **SPS 327.20 Loads and materials.** Every camping unit shall be designed and constructed in accordance with the requirements of this section.

Table 327.20-1

Component	Live Load (pounds per sq. ft.)
Floors	40
Exterior balconies and porches	40
Ceilings (with storage)	20
Ceilings (without storage)	5



SPS Table 327.20-2

- Minimum Fastening schedule
- A re-print of Table SPS 321.02 – 2.
- No change from the UDC requirements.



SPS 327.21 – Exiting

- First floor shall be provided at least 1 exit and 1 egress window.
- Lofts shall be provided at least a ladder to the floor below.
- Egress window sizing the same as SPS 321.03 (6). (no change from UDC)



Exit door and Egress Window



SPS 327.24 – Ceiling Heights

- Requirements the same as the UDC for habitable spaces, however, loft areas do not need to comply.



SPS 327.26

- **SPS 327.26 Smoke detectors. (1)** A listed and labeled smoke alarm shall be installed in all of the following locations:
 - **(a)** If a camping unit has a loft, an alarm shall be installed inside the loft. An alarm is not required to be installed outside of the loft.
 - **(b)** On a floor level that contains one or more sleeping rooms, an alarm shall be installed inside each sleeping room and an alarm shall be installed outside of the sleeping rooms.
 - **(c)** An alarm shall be installed on a floor level that does not contain a sleeping room.



SPS 327.27 – Carbon Monoxide Alarms

- **(1) GENERAL.** A listed and labeled carbon monoxide alarm shall be installed within 10 feet of a fireplace or fuel-burning appliance.
- **(2) ELECTRICAL SERVICE.** If electrical service for a camping unit is provided by a public utility, a carbon monoxide alarm required under sub. (1) shall be continuously powered by the camping unit electrical service and shall have a backup battery power supply.





SPS 327.31 – Wood Frame Floor Design

- Wood frame floor design was taken from the UDC wood frame floor design requirements. (SPS 321.22)





SPS 327.32 - Decks

- **(1)** A deck shall be constructed to support the actual dead load and a minimum live load of 40 pounds per square inch acting on it without exceeding the allowable stresses of the material.
- **(2)** A deck attached to a camping unit shall have a ledger attachment that meets the requirement under sub. (1).
- **(3)** Corrosion-resistant flashing shall be installed where a deck attaches to the wall or floor assembly of a camping unit.
- **(4)** The handrail and guard requirements of s. SPS 327.22.
- **(5)** The decay protection requirements of s. SPS 327.28.





SPS 327.33 – Exterior coverings

- Requirements for permanent weather resistant finish, flashing, and water resistant barrier, are taken from UDC design requirements of SPS 321.24.







SPS 327.34 – Wood Frame Walls

- The wall bracing design requirements of SPS 321.25 are not part of the design requirements of Camping Units.





SPS 327.35 – Roof Design and Framing

- Roof design and framing requirements are very similar to those of SPS 321.27.
Requirements for rafters, trusses, and shingles all take from UDC requirements.





That's It For Part II.

- Thank you for your time and attention.
- Are there any questions.
- Jack Wotruba
- (920) 360-0020
- Jack.wotruba@wisconsin.gov