Floor Slab

Floor slabs shall be as per the calculations of the structural engineer, but no less than a floor loading of
7.2 kPa (150 lbf/ft2).

For elevated slabs, the concrete topping over metal deck flutes shall have a thickness of at least 100 mm
(4 in) to allow for the adequate embedment of epoxy and anchor bolts.

The floor slab shall be leveled and sealed with a non-penetrating seal, such as epoxy, which is a moisture barrier and prevents dusting and particulate.

In order to accommodate initial or future high-density equipment (e.g., disk arrays, fully loaded server cabinets), a minimum floor loading of 12.0 kPa (250 lbf/ft2) is recommended.

Revision #1
Created 3 October 2025 11:11:33 by RISA
Updated 3 October 2025 11:11:50 by RISA