

Wind Uplift:

Profilitec's Uptec Raised Floor and Pedestal system also offers an optional Wind Uplift Accessory. As of November 2019, there is no National Standard nor Code Enforcement articles that can be communicated and advertised as to when it would be necessary to include this accessory within your Raised Floor Pedestal installation.

Wind Uplift concerns are very complex in nature and the conversation must take into account the following factors;




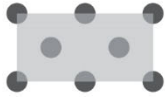
- Wind Speed
- Wind Angles
- Pedestal Heights
- Protective Wall Height
- Placement of Devices Along Protective Walls
- Building Height
- Floor Weight
- Raised Floor Overall Installation Type

Dal-Tile and Profilitec are currently involved in Toronto University studies related to this subject. Once completed, we will share any updated recommendations to our customers. The Architect or Project Engineer should approve the final configuration for all paver installations. Please contact our Technical Services team for additional product information.

Raised Pedestal Pavers:

At this time there are no specific standards for outdoor Raised Floors using porcelain paving. We recommend that the architect, engineer and customer assess the project requirements first and then contact Dal-Tile and/or Profilitex for additional information regarding design and specification options. Of particular importance, Dal-Tile recommends the use of an Anti-Fracture Membrane or Galvanized Plate on the undersides of our 2CM thick porcelain pavers being used on Pedestals reaching heights of 4 inches or over. We also recommend that Pedestal placements conform to the suggested layouts communicated in the diagrams detailed below. The Architect or Project Engineer should approve the final configuration for all paver installations:

Possible pedestal layouts

| | | | | |
|---------------------------|---|---|--|--|
| |  |  |  |  |
| | 24" x 24" | 32" x 32" | 16" x 48" | 20" x 40" |
| | With central pedestal | Pedestal in center of sides and center | Pedestals in center of sides and 2 in center of slab Preferable for public places and heavy loads | Pedestals in center of sides and 2 in center of slab Preferable for public places and heavy loads |
| Pedestal counts in pcs/sf | 1.9 | 1.7 | 1.3 | 1.4 |

Note

Pedestal counts are a guideline. Results are rounded down and may vary depending on the size of the area and the regularity of the perimeter.