

**CITY & COUNTY OF DENVER
COMMUNITY PLANNING & DEVELOPMENT
BUILDING PERMIT POLICY**

Subject: LIMITED COMBUSTIBLE PEDESTALS ON ROOFS OF TYPE I AND II BUILDINGS

Approved: Scott V. Prisco, AIA, Building Official

Number: IBC 603.1

**Effective Date: October 31, 2016
Revised: September 17, 2020**

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Scope and Intent:

This policy is intended to clarify the use of certain plastic pedestals as an acceptable material on the roofs of Type I and II buildings as defined by Chapter 6 of the 2018 International Building Code.

Buildings with roof decks and patios may require pedestals to accommodate the roof slope and create a level surface. These pedestals are installed either directly above concrete decks or above the finished roofing.

Policy:

The use of plastic pedestals is permitted where the roof deck area with noncombustible pavers does not exceed 5,000 ft².

Exception: Where deck area exceeds 5,000 SF, the concealed space between the finished roofing and the pavers shall be subdivided into areas not exceeding 5,000 SF with minimum 1/2" thick noncombustible draft stops suitable for exterior application.

Plastic pedestals shall have a 5 feet minimum clearance from ignition sources such as fire pits, smokers/grills, conduit junction & control boxes, lighting appliances & smoking areas, etc. This distance may be eliminated when there is no direct line of sight between the hazard and the pedestals.

Plastic material shall have a Self-Ignition Temperature of 650°F (343°C) or greater where tested in accordance with ASTM D 1929 and plastic pedestals shall have a Rate of Burning Classification of C-1 or C-2 where tested in accordance with ASTM D 635. Use of combustible decking (including wood/plastic composites and plastic lumber) is not permitted.

[See also Denver Building Code Policy IBC 1507.19 for foam plastics used in, or above, roofing systems.]

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