

PLUMBING AND MECHANICAL  
INTERPRETATION MANUAL



CODE: 2006 IMC

DATE:

CODE REF: Section 501.4

3/28/2008

SUBJECT: Approved bathroom exhaust duct

**Question:** What is approved material for bathroom exhaust?

**Answer:** Ducts and Duct Connectors complying with the following code requirements may be used.

**502.1 General.**

An exhaust system shall be provided, maintained and operated as specifically required by this section and for all occupied areas where machines, vats, tanks, furnaces, forges, salamanders and other appliances, equipment and processes in such areas produce or throw off dust or particles sufficiently light to float in the air, or which emit heat, odors, fumes, spray, gas or smoke, in such quantities so as to be irritating or injurious to health or safety.

**501.2 Exhaust discharge.**

The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a nuisance and not less than the distances specified in Section 501.2.1. The air shall be discharged to a location from which it cannot again be readily drawn in by a ventilating system. Air shall not be exhausted into an attic or crawl space.

**501.4 Ducts.**

Where exhaust duct construction is not specified in this chapter, such construction shall comply with Chapter 6.

**603.6.2 Flexible air connectors.**

Flexible air connectors, both metallic and nonmetallic, shall be tested in accordance with UL 181. Such connectors shall be listed and labeled as Class 0 or Class 1 flexible air connectors and shall be installed in accordance with Section 304.1.

**304.1 General.**

Equipment and appliances shall be installed as required by the terms of their approval, in accordance with the conditions of the listing, the manufacturer's installation instructions and this code. Manufacturer's installation instructions shall be available on the job site at the time of inspection.

**603.6.2.1 Connector length.**

Flexible air connectors shall be limited in length to 14 feet (4267 mm).

**603.6.2.2 Connector penetration limitations.**

Flexible air connectors shall not pass through any wall, floor or ceiling.

**603.6.3 Air temperature.**

The design temperature of air to be conveyed in flexible air ducts and flexible air connectors shall be less than 250°F (121°C).

SIGNATURE: *Lonnie Erwin,*

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