

**NC Department of Insurance  
Office of the State Fire Marshal - Engineering Division  
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**Bathroom Exhaust Duct Material for Dwellings and Townhouses**

**Code:** 2018 Mechanical Code

**Date:** March 15, 2019

**Sections:** 603.4, 603.5, and 501.4

**Question:**

For one-and-two family dwellings and townhouses, what are the duct material requirements for bathroom exhaust?

**Answer:**

For one-and-two family dwellings and townhouses, duct materials for bathroom exhaust must comply with the requirements of Chapter 6 of the NC Mechanical Code. Section 603.4 or 603.5 requires metallic duct or UL 181 nonmetallic duct. If the bathroom exhaust fan has a flexible duct included with the package, verify it meets the requirements of NCMC 603.5.