
Standard Specification for Molds for Forming Concrete Test Cylinders Vertically

AASHTO Designation: M 205M/M 205-23

Technically Revised: 2023

Technical Subcommittee: 3b, Fresh Concrete

ASTM Designation: C470/C470M-15



**American Association of State Highway and Transportation Officials
555 12th Street NW, Suite 1000
Washington, DC 20004**

Standard Specification for

Molds for Forming Concrete Test Cylinders Vertically

AASHTO Designation: M 205M/M 205-23

AASHTO

Technically Revised: 2023

Technical Subcommittee: 3b, Fresh Concrete

ASTM Designation: C470/C470M-15

AASHTO M 205M/M 205-23 is identical to ASTM C470/C470M-15 except for the following provisions:

1. All references to the ASTM Standards contained in ASTM C470/C470M-15 listed in the following table shall be replaced with the corresponding AASHTO Standard.

<i>Referenced Standards</i>	
ASTM	AASHTO
C31/C31M	R 100M/R 100
C33/C33M	M 43
C192/C192M	R 39M/R 39

2. Section 5.1 of ASTM C470/C470M-15 shall be replaced with the following:
5.1 Single use molds may be made of sheet metal, plastic, or other materials and must conform to the requirements of this specification. Paper molds shall not be used.
3. Add new sections to ASTM C470/C470M-15 containing the following:
5.3.4 *Top Cap*. Molds shall be provided with tightly fitting plastic caps to maintain the circular shape at the top of the cylinder and to provide a clearance above the finished concrete surface.
5.5.5 *Top Cap*. Molds shall be provided with tightly fitting metal caps to maintain the circular shape at the top of the cylinder and to provide a clearance above the finished concrete surface.
4. All references to paper molds in Sections 5.4, 5.4.1, 5.4.2, and 5.4.3 shall be considered null.