
Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats

AASHTO Designation: M 182-05 (2021)

Technically Revised: 2005

Reviewed but Not Updated: 2021

Technical Subcommittee: 3b, Fresh Concrete



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

Standard Specification for

Burlap Cloth Made from Jute or Kenaf and Cotton Mats

AASHTO Designation: M 182-05 (2021)



Technically Revised: 2005

Reviewed but Not Updated: 2021

Technical Subcommittee: 3b, Fresh Concrete

1. SCOPE, CLASSIFICATION, AND DEFINITION

- 1.1. *Scope*—This specification covers requirements for burlap made from jute or kenaf and cotton mats for use in curing concrete.
- 1.2. *Classifications*—The burlap shall be of one type and four classes [mass based on a 1016-mm (40-in.) width], as specified:
Class 1—233 g/m (7.5 oz/yd)
Class 2—248 g/m (8 oz/yd)
Class 3—310 g/m (10 oz/yd)
Class 4—372 g/m (12 oz/yd)
- 1.3. *Jute and Kenaf*—Jute is defined as the bast fiber obtained from various species of *Corchorus*. Kenaf is defined as the bast fiber obtained from *Hibiscus cannabinus*.
- 1.4. *Cotton*—Cotton is a vegetable fiber harvested from the cotton plant. The cotton plant belongs to the genus *Gossypium* of the family Malvaceae.
- 1.5. The values stated in SI units are to be regarded as the preferred standard.
-

2. MATERIAL

- 2.1. The burlap cloth shall be made of jute or kenaf at the option of the manufacturer. It shall have a plain weave and conform to the physical requirements given in Tables 1 or 2.

Table 1—Physical Requirements (SI)

Class	Mass per Linear Meter (1016-mm Basis), g	Yarns per Meter of Warp	Yarns per Meter of Filling	Mass per Square Meter, ^a g
1	233	315 to 433 inclusive	315 to 433 inclusive	229
2	248	354 to 472 inclusive	354 to 433 inclusive	244
3	310	433 to 512 inclusive	394 to 472 inclusive	305
4	372	433 to 512 inclusive	433 to 512 inclusive	366

^a A plus or minus tolerance of 5 percent will be permitted.