



STANDARD SPECIFICATIONS
FOR
BURLAP SATURATED WITH BITUMINOUS SUBSTANCES
FOR USE IN WATERPROOFING¹

Serial Designation: D 174 - 25

These specifications are issued under the fixed designation D 174; the final number indicates the year of original adoption as standard or, in the case of revision, the year of last revision.

ISSUED AS TENTATIVE, 1923; ADOPTED IN AMENDED FORM, 1925.

1. These specifications cover bituminized jute fabric, composed of burlap waterproofed with either asphalt or coal-tar pitch, as specified by the purchaser, for use in the membrane system of waterproofing.

MANUFACTURE

2. In the process of manufacture, the dry burlap shall be thoroughly and uniformly waterproofed with an asphaltic or coal-tar pitch saturant at a temperature and speed which will not injure the fabric. This shall be accomplished by passing the fabric through the saturant and then calendering it in the presence of heat, whereupon it shall be cooled and wound into rolls.

PHYSICAL PROPERTIES

3. The fabricated bituminized burlap shall conform to the following requirements:

(a) The width shall be not less than 30 in. nor more than 38 in.

(b) The gross weight per roll shall fall within the range of 35 to 80 lb.

(c) The wrapping material and mandril shall not weigh more than 2.5 lb. per roll.

(d) The average net weight per square yard shall not be less than 20 oz.

(e) The detached comminuted surfacing per 100 sq. ft. shall not weigh more than 1 lb.

(f) The moisture content based on the net weight shall not be more than 1 per cent.

Fabricated
Bituminized
Burlap.

¹ Under the standardization procedure of the Society, these specifications are under the jurisdiction of the A.S.T.M. Committee D-8 on Bituminous Waterproofing and Roofing Materials.