



STANDARD SPECIFICATIONS
FOR
HIGH-BITUMEN COAL-TAR PITCH FOR USE IN DAMP-
PROOFING AND WATERPROOFING BELOW
GROUND LEVEL¹

Serial Designation: D 200 - 25

These specifications are issued under the fixed designation D 200; 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, 1924; ADOPTED, 1925.

Scope.

1. These specifications cover high-bitumen coal-tar pitch suitable for use as a mopping-coat in damp-proofing or as a plying-cement in the construction of a membrane system of waterproofing below ground level, under uniformly moderate temperature conditions both during the process of installation and during service.

2. The grade of high-bitumen coal-tar pitch covered by these specifications is suitable for damp-proofing and waterproofing foundations, tunnels, subways, etc.

SAMPLING

Sampling.

3. The sampling shall be performed in accordance with the Standard Methods of Sampling Bituminous Materials (Serial Designation: D 140) of the American Society for Testing Materials.²

PROPERTIES

Properties.

4. The coal-tar pitch shall be homogeneous and shall conform to the following requirements:

- (a) Water.....0.0 per cent
- (b) Specific gravity at 25° C. (77° F.).....1.21 to 1.30
- (c) Softening Point (Cube-in-Water
Method).....110 to 140° F. (43.3 to 60° C.)
- (d) Distillation Test:

Total distillate, by weight, 0.0 to 300° C.

(32 to 572° F.).....not more than 15.0 per cent

Residue, by weight.....not less than 85.0 per cent

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.

² See p. 515.