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1-GP-67
CANCELLATION
13 December 1957

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

SPIRIT VARNISH; FOR SEALING KNOTS IN WOOD

CGSB Specification 1-GP-67, dated 28 June 1948 is cancelled as of 13 December 1957, and superseded by 1-GP-126: Sealer; Vinyl, for Wood, dated 13 December 1957.

CANADIAN GOVERNMENT PURCHASING STANDARDS COMMITTEE

Specification for

SPIRIT VARNISH, FOR SEALING KNOTS IN WOOD*

1. Definition

Material supplied under this specification shall be a quick drying varnish similar in its general properties to shellac varnish.

2. General

(a) The varnish shall consist of natural, modified or synthetic resins in conjunction with alcohols or other suitable solvents. It is not intended that drying oils or metallic driers be used.

(b) The varnish shall be a mobile liquid and shall show no clotting or gelling.

(c) It shall have satisfactory brushing and levelling properties and shall dry to a clear, hard, smooth, firmly adherent film. It shall not have a disagreeable odour during or after application.

3. Colour

The varnish shall be supplied in either of two types, as required by the purchaser, i.e. "orange" or "white". The colour of the white varnish, when examined by means of the Lovibond tintometer, shall be such that the red component, does not exceed 5.0 units.

Method 12.3

4. Behaviour toward Wood

The varnish shall not raise the grain, nor abnormally discolour wood.

5. Behaviour toward Top-Coat

The varnish shall not retard the drying of paint applied over it, nor cause discolouration.

Method 33.1

6. Drying Time

The varnish shall dry hard in not more than 3 hours.

Method 5.5

7. Non-Volatile Matter

The content of non-volatile matter shall be not less than 25 per cent by weight.

Method 18.1

* See also specification 1-GP-16; Shellac Varnish

2.

No. 1-GP-57

8. Ash

The residue on ashing shall be not more than 4.0 per cent of the non-volatile matter. Method 69.1

9. Undissolved Matter

Undissolved matter shall not exceed 2 per cent of the varnish. Method 27.1

10. Water Resistance

The dried varnish film shall withstand immersion in water for 18 hours without softening or loosening. Method 110.5

11. Resistance to Mineral Spirits

The dried varnish film shall withstand immersion in mineral spirits for six hours without softening or loosening. Method 108.1

12. Keeping Qualities

(a) The varnish shall show no gelling on standing 16 hours in an open container. Method 30.1

(b) The varnish shall retain all above properties for at least three months from date of shipment, when stored in original unopened containers.

13. Methods of Sampling and Testing

(a) Sampling shall be carried out in accordance with Section 1.1 of Schedule No. 1-GP-71: Methods of Testing Paints and Pigments.

(b) The methods of testing shall in all cases be those specified in the same schedule, using the sections indicated by the numbers following each requirement.

Correspondence regarding this specification should be addressed to the Secretary, Canadian Government Purchasing Standards Committee, National Research Council, OTTAWA, Canada.