

ARCHIVES COPY

1-GP-83
CANCELLATION
13 December 1957

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

SEALER; FOR WOOD

CGSB Specification 1-GP-83 dated 10 July 1947 is cancelled as of
13 December 1957.

MADE IN CANADA
VICTORY BOND
HOWARD SMITH

REFERENCE COPY

No. 1-GP-83-1947.

Issued 10 July, 1947.

CANADIAN GOVERNMENT PURCHASING STANDARDS COMMITTEE

Specification for
SEALER, for WOOD

1. Definition

This definition applies to a high quality sealer for new wood.

2. General

(a) The sealer shall consist of low-viscosity, water-resistant varnish combined with a toxic agent to prevent the growth of fungi and other micro-organisms.

(b) It shall be suitable for application by dipping.

3. Viscosity

The viscosity of the sealer shall be not more than 1.0 poise at 25°C. (77°F.). Method 11.1

4. Drying Time

The sealer shall dry hard in not more than 18 hours. Method 5.5

5. Non-Volatile Matter

The content of non-volatile matter shall be not less than 25 per cent, nor more than 35 per cent by weight of the sealer. Method 18.2

6. Toxic Agent

The sealer shall contain copper naphthenate in such quantity that the copper content is not less than 2 per cent by weight. Method 75.1

7. Water Resistance

A dry film, of the sealer shall withstand immersion in water at 20 - 25°C. (68 - 77°F.) for 18 hours, and after subsequent drying for 2 hours shall show no appreciable signs of softening or whitening. Method 110.3

2.

No. 1-GP-83

8. Behaviour Towards Topcoats

Four hours after the application of one coat of priming paint meeting the requirements of Specification No. 1-GP-84, there shall be no lifting or swelling of the grain or other defects attributable to inadequate sealing of the wood, and the priming paint shall be sufficiently dry for re-coating. Method 33.2

9. Durability

A paint coating applied over the sealer as directed in the specified method, shall withstand an exposure period of ten 24-hour cycles in an accelerated weathering machine without showing evidence of cracking or flaking. Method 122.3

10. 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 specified in each requirement.

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