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1-GP-54

CANCELLATION

31 August 1956

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

BITUMINOUS PAINT (TYPE I FOR STEELWORK NOT EXPOSED TO WEATHER)

CGSB Specification 1-GP-54, dated 31 December 1947 is cancelled as of
31 August 1956.

1-GP-54
31 December 1947
AMENDMENT No. 1
30 June 1952

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

EXTERIOR PAINT; QUICK DRYING, FLAT

3. CONSISTENCY

Change this requirement to read as follows:

"The consistency of the paint shall be not less than 55 Krebs Units and not more than 85 Krebs Units, as determined with the Stormer Viscosimeter. When designated for spraying the consistency shall be not less than 50 Krebs Units and not more than 75 Krebs Units.

Method 4.5"

1-GP-54
31 December 1947
CORRECTION NO. 1
13 August 1952

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

BITUMINOUS PAINT
(Type I, for Steelwork not Exposed to Weather)

Refer to Amendment No. 1 dated 30 June 1952

The title given as "EXTERIOR PAINT; QUICK DRYING, FLAT" is incorrect. It should read as above and as on the original issue of the specification dated 31 December 1947.

REFERENCE COPY

No. 1-GP-54-1947.

Issued 31 December, 1947.

Supersedes Issue 8 December, 1940.

CANADIAN GOVERNMENT PURCHASING STANDARDS COMMITTEE

Specification for
BITUMINOUS PAINT

(Type I, for Steelwork not Exposed to Weather**)

1. Definition

The material required by this specification shall be a non-aqueous bituminous paint.

2. General

The paint shall consist essentially of a suitable bituminous base and volatile thinner with or without drying oils, pigments, and mineral fillers. It shall be of brushing consistency unless otherwise required by the purchaser and on application shall produce a smooth adherent coating.

3. Consistency

The consistency of the paint at 25°C. (77°F.) shall be not less than 15 nor more than 40 seconds, as determined by means of the Gardner mobilometer. When designated for spraying the consistency shall be not less than 10 nor more than 30 seconds.

Method 4.4

4. Flash Point

The Pensky-Martens flash point of the paint shall be not lower than 30°C. (86°F.).

Method 3.1

***5. Drying Time

The paint shall dry satisfactorily in not more than 16 hours.

Method 5.1

*This paint is intended for use on steelwork under moderate conditions of exposure and should not be expected to withstand direct sunlight or severe corrosion conditions.

**Indicates change made in present revision.

No. 1-GP-54.

6. Volatile Portion

Matter volatile at 150°C. (302°F.) shall not exceed
50 per cent of the paint. Method 17.1

7. Water

The content of water shall not exceed 0.5 per cent of the
paint. Method 24.1

8. Flexibility

The dried paint film shall not crack or peel, when sub-
jected to the bending test, using a 1/8" mandrel.
Method 119.6

9. Water Resistance

The dried paint film shall withstand immersion in water
at 20-25°C. (68-77°F.) for 24 hours without discoloring
or softening. Method 110.4

10. Resistance to Corrosion

A steel panel protected with two coats of the paint
shall withstand 96 hours immersion in 3 per cent salt sol-
ution without showing blistering or peeling of the paint
film or corrosion of the metal. Method 113.1

11. Abrasion Resistance

The paint shall pass the abrasion resistance test.
Method 104.2

12. Methods of Sampling and Testing

(a) Sampling shall be carried out in accordance with
section 1.4 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 in-
dicated 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.