

Specification for aluminium paint

AMENDMENT NO. 2

March 2021

1. Page 6, Table 1 – Quantitative requirements of the paint

Delete the row on “Hard-drying time, hours ” including its maximum limit requirement.

Insert a row on “Through-dry time, hours” with the maximum limit requirement and *replace* the row for lead content including its maximum limit requirement as shown in the table below.

Characteristic	Requirement	
	Minimum	Maximum
Through-dry time, hours	-	36
Lead content, ppm (mg/kg) of dried paint film	-	90

2. Page 8, 5.1.6 Hard-drying time

In Page 8, subclause 5.1.6, *replace* the heading of “5.1.6 Hard-drying time” with “5.1.6 Through-dry time”

In the second sentence, *replace* “hard-drying” with “through-dry state”.

3. Page 9, Table 2 – Test methods

Delete the row on “Hard-drying time” including its test method.

Insert a row on “Through-dry time” with its test method and *replace* the test method for accelerated weathering as shown in the table below.

Test	Test method (Refer to SS 5)	Paragraph of this specification giving requirement
Through-dry time	SS 5 : Part D5	Table 1
Accelerated weathering	SS 5 : Part G11 and SS 5 : Part G12 method A	4.4.8

4. Page 10, Annex A Testing Arrangement

Replace “Hard-drying time” with “Through-dry time”.

5. Page 11, Standards referred to:

Replace with the following:

Standards referred to:

For undated references, the latest edition of the referenced document (including any amendments) applies.

Singapore Standard SS 37 : 1998
Amendment No. 2

BS 388	Specification for aluminium pigments
SS 5 : -	Methods of test for paints, varnishes and related materials
Part A1	Sampling
Part A2	Examination and preparation of samples for testing
Part A3	Standard panels for testing
Part B2	Determination of non-volatile matter content
Part B3	Determination of water by the Dean and Stark method
Part B4	Condition in container
Part B5	Skinning (partially filled container)
Part B6	Storage stability (filled container)
Part B7	Density
Part B9	Brushing properties
Part B10	Spraying properties
Part B11	Determination of viscosity by Ford viscosity cup
Part B15	Determination of flash point – Closed cup equilibrium method
Part C2	Determination of aluminium metal content
Part C6	Determination of low concentrations of lead, cadmium and cobalt in paint by atomic absorption spectroscopy
Part D5	Determination of through-dry state and through-dry time
Part E3	Visual comparison of the colours of paints
Part F1	Bend test (cylindrical mandrel)
Part G11	Methods of exposure to laboratory light sources — General guidance
Part G12	Methods of exposure to laboratory light sources — Xenon-arc lamps