Specification for algae resistant emulsion paint for decorative purposes

AMENDMENT NO. 1

March 2021

1. Page 7, Clause 2 Normative references

Replace with the following:

The following referenced documents are indispensable for the application of this standard. For undated references, the latest edition of the referenced document (including any amendments) applies.

ASTM G154	Standard practice for operating fluorescent ultraviolet (UV) lamp apparatus for exposure of non-metallic materials
BS 4800	Schedule of paint colours for building purposes
IEC 62321-7-2	Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method
ISO 11890 Part 1	Paints and varnishes – Determination of volatile organic compound (VOC) content – Part 1 : Difference method
ISO 11890 Part 2	Paints and varnishes — Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content — Part 2: Gas-chromatographic method
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 B4 Condition in container
	Part B7 Density
	Part B9 Brushing properties
	Part B12 Consistency of paints using the Stormer viscometer
	Part B13 Fineness of grind
	Part C4 Determination of low concentrations of mercury in paint by atomic absorption spectroscopy
	Part C6 Determination of low concentrations of lead, cadmium and cobalt in paint by atomic absorption spectroscopy

Part D6	Hard dry time – Test using a mechanical recorder
Part E1	Determination of gloss value at 20°, 60° and 85°
Part E2	Determination of contrast ratio (opacity) of light-coloured paints at a fixed spreading rate
Part E3	Visual comparison of the colours of paints
Part F6	Determination of wet-scrub resistance
Part G2	Alkali resistance (spotting method)
Part G11	Methods of exposure to laboratory light sources — General guidance
Part G12	Methods of exposure to laboratory light sources — Xenon-arc lamps

NOTE – IEC 62321-7-2 is used for the evaluation of Cr(VI) content in electrotechnical products and can also be used for coatings.

2. Page 10, 6.4.9 Specific hazardous substances

Replace “N-methyl pyrrolinone (NMP)” with “N-methyl pyrrolidone (NMP)”.

3. Page 10, Table 1 – Quantitative requirements of paints

Replace the row on Hard-drying time and heavy metals requirements for lead, including its maximum limit requirement, as shown in the table below:

Characteristic	Requirement	
	Minimum	Maximum
Hard-drying time, minutes	-	30
Heavy metals requirements, ppm (mg/kg) of dried paint film Lead		 90

4. Page 11, 6.1.8 Hard-drying time

In the second sentence, *replace* “Allow it to dry and test for hard-drying in accordance with the method specified in Table 2.” with “Determine the hard-dry time in accordance with the method specified in Table 2.”

5. Page 12, Table 2 – Test methods

Replace the test method of accelerated weathering, hard-drying time and chromium (VI) content as shown in the table below:

Test	**Method of test (Refer to SS 5 unless otherwise specified)**	**Requirement in this standard**
Accelerated weathering	SS 5 : Part G11 and SS 5 : Part G12 method A	5.4.5
Hard-drying time	SS 5 : Part D6	Table 1
Heavy metals Chromium (VI) content	IEC 62321-7-2	Table 1