

SSPC: The Society for Protective Coatings PAINTING SYSTEM NO. 15.02

Chlorinated Rubber Painting System for Fresh Water Immersion

1. Scope

1.1 This specification covers a complete chlorinated rubber painting system for structural steel.

1.2 This system is suitable for use on parts or structures exposed in Environmental Zones 2A (frequently wet by fresh water) and 2C (fresh water immersion). It may also be used in nonsolvent chemical atmospheres.

1.3 The finish paint allows for a choice of colors.

2. Description

2.1 This painting system consists of surface preparation by near-white blast cleaning or pickling, one coat of chlorinated rubber primer, one chlorinated rubber intermediate coat, and one chlorinated rubber finish coat.

3. Reference Standards

3.1 The standards referenced in this guide are listed in Section 3.4 and 3.5 and form a part of the specification.

3.2 The latest issue, revision, or amendment of the reference standards in effect on the date of invitation to bid shall govern unless otherwise specified.

3.3 If there is a conflict between the requirements of any of the cited reference standards and the specification, the requirements of the specification shall prevail.

3.4 SSPC STANDARDS AND JOINT STANDARDS:

PA 1	Shop, Field, and Maintenance Painting of Steel
PA 2	Measurement of Dry Coating Thickness With Magnetic Gages
PA Guide 4	Guide to Maintenance Repainting with Oil Base or Alkyd Painting Systems
Paint 17	Chlorinated Rubber Inhibitive Primer
Paint 18	Chlorinated Rubber Intermediate Coat Paint
Paint 19	Chlorinated Rubber Topcoat Paint
SP 5/NACE No. 1	White Metal Blast Cleaning

SP 8	Pickling
SP 10/NACE No. 2	Near-White Blast Cleaning

3.5 AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARD:

D 3925	Practice for Sampling Liquid Paints and Related Pigmented Coatings
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4. Surface Preparation

4.1 SSPC SP 10, "Near-White Blast Cleaning," or SSPC-SP 8, "Pickling," if specified in the procurement documents, a better degree of blast cleaning shall be substituted (SSPC-SP 5).

5. Paints

5.1 **PRIMER:** SSPC-Paint 17, "Chlorinated Rubber Inhibitive Primer."

5.2 **INTERMEDIATE COAT:** SSPC-Paint 18, "Chlorinated Rubber Intermediate Coat Paint."

5.3 **FINISH COAT:** SSPC-Paint 19, "Chlorinated Rubber Topcoat Paint."

5.4 **ADDITIONAL FINISH COAT:** When specified in the procurement documents an additional finish coat of SSPC-Paint 19, "Chlorinated Rubber Topcoat Paint," shall be applied.

6. Paint Application

6.1 **PAINT APPLICATION:** Follow the requirements of SSPC-PA 1, "Shop, Field, and Maintenance Painting of Steel."

6.2 **FIELD TOUCH-UP PAINTING:** In accordance with specification SSPC-PA 1, "Shop, Field, and Maintenance Painting of Steel," and in particular with section thereof entitled "Field Painting."

6.3 **MAINTENANCE PAINTING:** For maintenance painting procedures, see SSPC-PA Guide 4, "Guide to Maintenance Repainting with Oil Base or Alkyd Painting Systems."

Sspc Paint 15

Steel Structures Painting Council



Sspc Paint 15:

SSPC-paint 15 Society for Protective Coatings,1999 **Index of Specifications and Standards , Systems and specifications** Steel Structures Painting Council,1982 **Good painting practice** Steel Structures Painting Council,1982
Journal of Protective Coatings & Linings ,1995 **New York Court of Appeals. Records and Briefs.** New York (State)., **Proceedings ... A & WMA Annual Meeting** Air & Waste Management Association. Meeting,1991 **Paint Handbook** Guy E. Weismantel,1981 How to select and apply the right paint or coating for any surface Full advice on testing surface preparation application corrosion prevention and troubleshooting Covers wood metal composites and masonry as well as marine applications and roof coatings **Corrosion Protection for Military Construction in the Middle East** ,1985 The Protection of Structural Steel Society of Chemical Industry (Great Britain). Corrosion Group,1956 **Index and Directory of U.S. Industry Standards** ,1987 *Journal of the American Water Works Association* ,1966 Volumes for 2012 contain only executive summaries of articles *Drafting and Drawing for Structural Systems* David L. Goetsch,1982
Marine Coatings Performance for Different Ship Areas. Volume II. ,1979 Chemistry and Industry ,1955
Protective Coatings for Highway Structural Steel John D. Keane,1969 A current state of the art survey is presented with regard to painting of highway structural steel A thorough literature review was conducted and an inspection and evaluation made of more than 4 000 paint exposure tests Paint film thickness measurement studies were made Specific recommendations are given for selecting typical paint systems on the basis of six environmental zones which represent the range of severity of environment in which highway steel structures are located in the United States Model specifications are suggested for surface preparation application material procurement and paint system Protective Painting of Structural Steel F. Fancutt,John Christopher Hudson,British Iron and Steel Research Association. Corrosion Committee,1957
Welding Design & Fabrication ,1962 **Fundamentals of Engineering Drawing** Warren Jacob Luzadder,1989
Materials Performance ,2003-07

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