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## PRODUCT DATA SHEET

## SP-2600

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**DESCRIPTION:** **SP-2600** is a specially formulated product for the in-line repair of holidays on FBE coated pipes and is ideal for use as coating protection for CP, anode and drain lead connections to pipelines. **SP-2600** is also well suited to fill the annular area between anode bracelets on pipelines and as a repair coating for underwater application on wharves, pilings, underwater pipelines and offshore oil rigs.

**ADVANTAGES:**

- 100% Solids – No VOCs.
- Isocyanate free.
- Fast setting.
- Cures underwater.
- High build properties.
- Primer-less.
- Good adhesion to steel substrates, Fusion Bond Epoxy (FBE), and Fiber Reinforced Plastic (FRP).

**USES:**

- In-line holiday repairs on FBE coated pipes.
- Coating of CP, anode and drain lead connections.
- Anode filler for anode bracelets.
- Can be applied underwater to repair wharves, pilings, underwater pipelines and offshore oil rigs.

**APPLICATION:**

- Cartridge: Manual Dispenser.
- Kits: Glove application for underwater.

**SURFACE PREPARATION:**

- Cleanliness: The surface to be coated shall be dry and free of salts, grease, oil, dust and abrasive material or any other contaminants.
- Abrasive Blast to SSPC SP-10 (Near White).
- Prepare surface to SSPC SP-2 or SSPC SP-3 when blasting is not possible.

All information, recommendations, and test performance results herein were obtained in a controlled environment and SPC makes no claim that the data and tests accurately represent all environments and specific project specification requirements. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating. SPC products are sold with the understanding that the purchaser or user is solely responsible for determining their suitability for any purpose, and that the purchaser or user assumes all risks and liability associated with the use of the product. No guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. The information herein is not to be copied, used in evidence, released for publication, or public distribution without written permission from Specialty Polymer Coatings.



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**MIXING RATIO:** By Volume: 2 Parts Base to 1 Part Hardener

**RECOMMENDED FILM THICKNESS:** As per client's requirements.

**HANDLING PROPERTIES:**

Pot Life [200 gm (7 oz) mass @ 25°C (77°F)] ..... 10 ± 2 Minutes  
Dry Time (ASTM D1640):  
Touch Dry Time [25°C (77°F)] ..... 15 to 25 Minutes  
Dry Hard Time [25°C (77°F)] ..... < 1 Hour  
Dry Hard Time [80°C to 95°C (176°F to 203°F)] ..... 1 to 2 Minutes

When over-coating SP-2600 with a range of SPC pipe coatings:

Temperature	10°C (50°F)	25°C (77°F)	35°C (95°F)	50°C (122°F)
Minimum Re-Coat Time	1 Hour	30 Minutes	20 Minutes	10 Minutes
Maximum Re-Coat Time	20 Hours	8 Hours	4 Hours	1.5 Hours

Test Thickness of SP-2600: 10 to 15 mm (400 to 600 mils) as CP anode filler.

Note: SP-2600 can be applied underwater with no effect on the cure.

**Substrate Temperature for**

**Optimum Performance** ..... The acceptable substrate temperature range for application of SP-2600 is 10°C (50°F) to 100°C (212°F). Preheating of the substrate is required if the surface to be coated is below 10°C (50°F). The substrate temperature must be a minimum of 3°C (5°F) above the dew point temperature before proceeding with the coating application.

**Storage / Shelf Life** ..... Store in a cool, dry, well-ventilated area at temperatures between 5°C (41°F) and 40°C (104°F). Keep the lids sealed. The Shelf Life is a maximum of 24 months in unopened containers.

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### **LIQUID PROPERTIES:**

Appearance .....  
Volume Solids Content (%) .....  
Coverage (Theoretical).....

### **BASE**

Red Viscous Liquid  
100  
Base & Hardener Mixed:

### **HARDENER**

Amber Liquid  
100  
39.0 m<sup>2</sup>/Litre/25 microns  
(1604 ft<sup>2</sup>/U.S. Gallon/mil)

### **PHYSICAL PROPERTIES:**

Wet Adhesion (Hot Water Soak)

(CSA-Z245.20-06, Clause 12.14)

[Modified to 28 Days @ 75°C (167°F)] ..... Rating #1

[Modified to 28 Days @ 98°C (208°F)] ..... Rating #1

Cathodic Disbonding Test [Average Radius (mm)]

(CSA-Z245.20-06, Clause 12.8, System 1A)

[Modified to 28 Days @ 65°C (149°F)] ..... 6.8

[Modified to 28 Days @ 80°C (176°F)] ..... 7.0

**SAFETY:** Read the Material Safety Data Sheets before use.

**EFFECTIVE DATE:** October 21, 2016

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