

**COATING SPECIFICATION**

**COATING PROCEDURE FOR COUPLING JOINTED PIPES**

**COATING SPECIFICATION: M4**

**ISSUE: 4**

**DATE: OCTOBER 2022**

**1.0 SCOPE**

This document summarises the coating procedure for the application of high build epoxy coating (500 microns minimum DFT) to accommodate installation of a coupling joint.

- Typical coupling types that are used for jointing pipes include Straub<sup>®</sup>, Gibault<sup>®</sup>, Viking Johnson<sup>®</sup>, Klamflex<sup>®</sup>

The recommended Water Corporation specifications are as follows:

<b>A1 -</b>	<b>Surface Preparation for the Application of Protective Coatings on Steel or Cast Iron</b>
<b>D1 -</b>	<b>High Build Epoxy Coating on Steel or Cast Iron</b>

Notes:

If abrasive blast cleaning is not possible due to dust constraints, a combination of power tool cleaning and bristle blasting can be used as an alternative to blast cleaning in order to provide a class Sa3 and adequate surface profile for subsequent coatings. For potable water applications, coatings shall comply with AS/NZ 4020.

Refer to Design Standard, DS 95 (Standard for the Selection, Preparation, Application, Inspection, and Testing of Protective Coatings on Water Corporation Assets) for additional information or clarification.

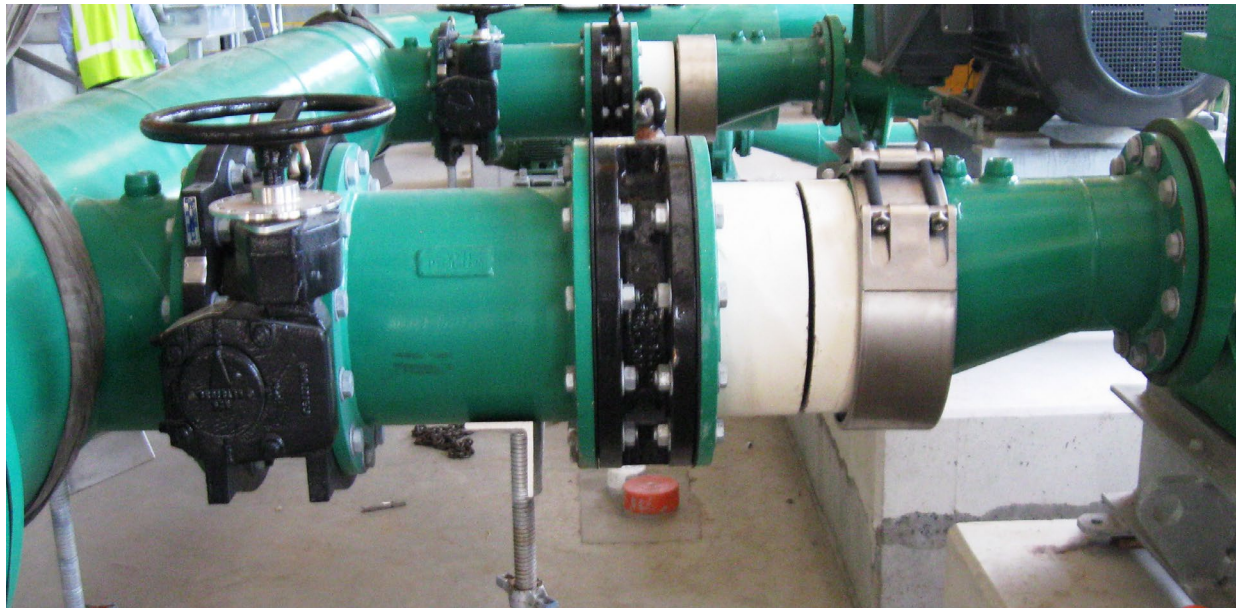
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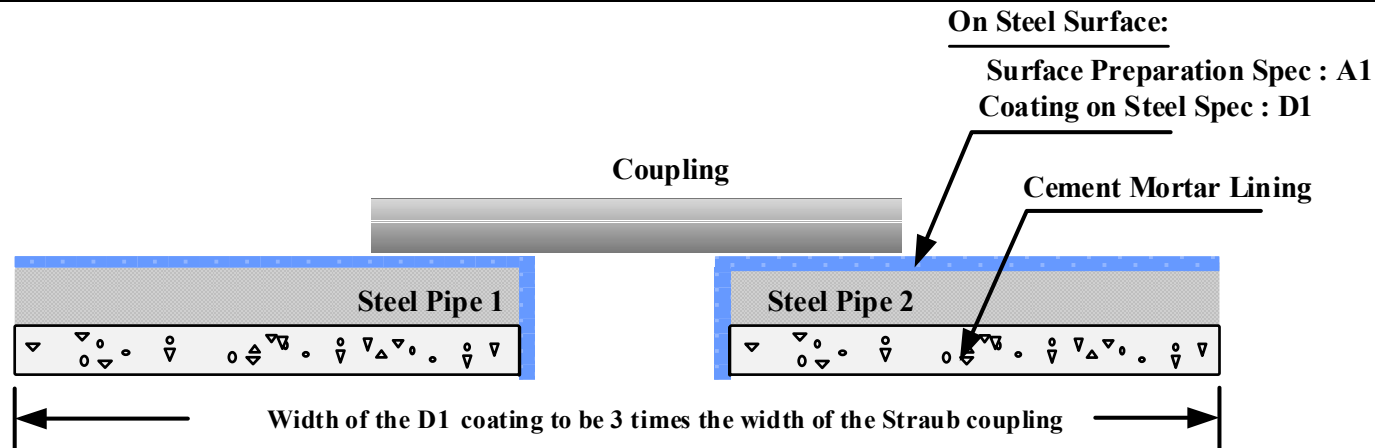
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Note: Coating is highlighted in Blue colour

Colours in the above diagram is indicative only, standard pipeline coating colours to be used.

Figure 1 – Typical Epoxy Coating for Coupling jointed pipe.

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<b>Document Revision History</b>					
<b>Sect</b>	<b>Ver / Rev</b>	<b>Date</b>	<b>Revision Description</b>	<b>RVWD</b>	<b>APROV</b>
1	1/0	14/09/22	Re-wording of scope	AO	SS
1	1/0	14/09/22	New Drawing Figure 1	AO	SS

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