1.0 SCOPE

This document summarises the coating procedure for above ground pipe joints scenario as shown in Figure 1:

(1) Sintakote®
(2) Steel Pipe

The recommended specifications for the Sintakote® and Steel Pipe joints are as follows:

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>A1</td>
<td>Surface Preparation for the Application of Protective Coatings on Steel or Cast Iron</td>
</tr>
<tr>
<td>C2</td>
<td>Zinc Rich Epoxy Primer, Epoxy Mastic Coat, Polyurethane Top Coat on Steel or Cast Iron</td>
</tr>
<tr>
<td>A7</td>
<td>Surface Preparation for the Application of Protective Coatings on Sintakote®</td>
</tr>
<tr>
<td>E5</td>
<td>Epoxy Mastic, Polyurethane Top Coat on Sintakote®</td>
</tr>
</tbody>
</table>

Note 1:
If anti-graffiti properties are required, replace the specified top coat with 2 coats of 50 microns nominal dry film thickness “Anti-graffiti Polyurethane” with a total thickness of 100 microns as described in Corporation Coating Specification J1.

Note 2:
The epoxy mastic and polyurethane components used in the above two systems can be of the same brand and type.

Refer 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.
COATING SPECIFICATION

COATING PROCEDURES FOR THE JOINTED PIPES

COATING SPECIFICATION: M2 ISSUE: 2 DATE: AUGUST 2019

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On Sintakote Surface:
Surface Preparation: A7
Coating on Sintakote®: E5

Cement Mortar Lining

On Steel Surface:
Surface Preparation: A1
Coating on Steel: C2

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