

**Product Summary**

<b>Manufacturer</b>	Steel Mains
<b>Brand</b>	Sintapipe
<b>Product Type</b>	Pipe
<b>Product Sub Type</b>	Steel Pipe
<b>Application(s)</b>	Pressure
<b>System(s)</b>	Drinking Water, Non-Drinking Water, Pressure Sewer



**Approval**

**Scope of Approval**

Steel pipe for water supply and sewerage with RRJ Sintajoint; coated and lined with Sintakote Fusion Bonded Polyethylene

**Pressure Rating(PN)/Stiffness(SN):** PN 48

**Jointing:**

**Special Condition(s):**

**Size Range:** DN 300 - DN 800

**Water Agencies Approval**



**Limitations of Use:**   
 • Not near electricity transmission lines  
 • Requires protection against internal and external corrosion  
**Special Conditions:** •High pH can develop in water especially in small diameter cement mortar lined pipelines, where the water is aggressive and the flow rate is low resulting in a long retention time. To overcome this problem seal coatings have been developed to restrict leaching from the cement mortar lining. Tycoo can apply bitumen seal coating over the cement mortar lining.   
 • Use of cement mortar lined Steel pipe for potable and recycled water supply is subject to assessment of its effect on elevating pH. Tycoo use Akzo Nobel Interline 876 Black formerly known as JB 016 Black for their bitumen seal coating  
 • Steel pipe used for sewerage shall have calcium aluminate cement mortar lining



**Limitations of Use:**   
 • Not near electricity transmission lines  
 • Requires protection against internal and external corrosion  
 • Steel pipe used for sewerage shall have a fusion bonded polyurethane lining.  
**Special Conditions:** •High pH can develop in water especially in small diameter cement mortar lined pipelines, where the water is aggressive and the flow rate is low resulting in a long retention time. To overcome this problem seal coatings have been developed to restrict leaching from the cement mortar lining. Tycoo can apply bitumen seal coating over the cement mortar lining.   
 • Use of cement mortar lined Steel pipe for potable and recycled water supply is subject to assessment of its effect on elevating pH. Tycoo use Akzo Nobel Interline 876 Black formerly known as JB 016 Black for their bitumen seal coating



**Limitations of Use:**   
 • Not near electricity transmission lines  
 • Only for mains where higher structural strength is required  
 • Requires protection against internal and external corrosion  
**Special Conditions:** •High pH can develop in water especially in small diameter cement mortar lined pipelines, where the water is aggressive and the flow rate is low resulting in a long retention time. To overcome this problem seal coatings have been developed to restrict leaching from the cement mortar lining. Tycoo can apply bitumen seal coating over the cement mortar lining.   
 • Use of cement mortar lined Steel pipe for potable and recycled water supply is subject to assessment of its effect on elevating pH. Tycoo use Akzo Nobel Interline 876 Black formerly known as JB 016 Black for their bitumen seal coating  
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**Product Information**

**Product Details**

<b>Supplier's Product Code</b>	
<b>Model Number</b>	
<b>WSAA Product Appraisal Number</b>	

<b>WSAA Product Specification</b>	WSA PS - 203 Steel Pipes for Pressure and Non-Pressure Applications - Water Supply and Sewerage
<b>MRWA Standard Drawing</b>	MRWA-W-400, four more drawings MRWA-W-401, 402, 403 and 404 still under preparation.
<b>Relevant Industry Standard(s)</b>	AS 1579:2001 Arc welded steel pipes and fittings for water and wastewater AS 4321 : 2001 Fusion bonded medium density polyethylene coatings and linings for pipes and fittings AS 1281:2001 Cement Mortar Lining of Steel Pipes and Fittings
<b>Product Description</b>	Steel Pipe (RRJ Sintajoint)
<b>Useful Links</b>	MRWA-W-400 Steel Pipeline Jointing