

Product Summary

Manufacturer	Steel Mains
Brand	Sintakote
Product Type	Pipe
Product Sub Type	Steel Pipe
Application(s)	Pressure
System(s)	Drinking Water, Non-Drinking Water, Pressure Sewer



Approval

Scope of Approval

Steel pipe for water supply and sewerage with RRJ Sintajoint and RRJ-W Sintalock; coated with Sintakote Fusion Bonded Polyethylene and lined with cement mortar




Pressure Rating(PN)/Stiffness(SN): PN 48 (depends on dia and wall thickness)

Jointing:

Special Condition(s):

Size Range: DN 300 - DN 1200

Water Agencies Approval

	<p>Limitations of Use: • Not near electricity transmission • 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</p>
	<p>Limitations of Use: • Not near electricity transmission • 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</p>
	<p>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 • Steel pipe used for sewerage shall have calcium aluminate cement mortar lining</p>

Product Information

Product Details

Supplier's Product Code	
Model Number	
WSAA Product Appraisal Number	

WSAA Product Specification	WSA PS - 203 Steel Pipes for Pressure and Non-Pressure Applications - Water Supply and Sewerage
MRWA Standard Drawing	MRWA-W-400, other four drawings MRWA-W-401, 402, 403 and 404 are still under preparation.
Relevant Industry Standard(s)	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
Product Description	Steel Pipe (RRJ Sintajoint and RRJ-W Sintalock)
Useful Links	Steel Pipeline Jointing MRWA-W-400