



# WSAA PRODUCT APPRAISAL CERTIFICATE

## Saint-Gobain PAM Ductile Iron Pipeline Fittings

This appraisal is for a range of PN16 ductile iron fittings in sizes DN 80 to DN 750.

The fittings are fully coated and lined with a blue coloured thermal-bonded polymeric coating.

Elastomeric seal joints are T-type for jointing to DI and Series 2 PVC pipes.

Flanges comply with AS/NZS 4087 Figure B5 PN16.

Quality certifications and details of products are included in the attached Schedules A and B.

Product Category	Ductile Iron Fittings
PA Number:	PA 2313
Supplier	Saint-Gobain PAM
Brand	PAM
Standards	AS/NZS 2280:2020 <i>Ductile iron pipes and fittings</i>
WSAA Product Specification	WSA PS 201 <i>Ductile Iron Fittings (CIOD) for Pressure and Non-Pressure Applications - Drinking Water, Non-Drinking Water Supply and Sewerage</i>
Issue date	15 March 2024
Expiry date	14 March 2029
Recommendations	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise the range of PAM ductile iron fittings in sizes from DN 80 to DN 750, as detailed in Schedule B, for use in water supply and sewerage pressure pipelines, provided they are installed in accordance with applicable WSAA Codes and the manufacturer's requirements, where specified.
Disclaimer	The disclaimer on Page 2 explains a number of very important limits on your ability to rely on the information in this Product Appraisal Certificate and the assessment criteria used to underlay it. Please read it carefully and take it into account when considering the content in this Certificate.

## **1. Disclaimer**

This Product Appraisal Certificate (Certificate) is issued by WSAA on the understanding that:

This Certificate applies to the product(s) as submitted in Schedule A. Any changes to the product(s) either minor or major shall void this Certificate.

To maintain the recommendations of this Certificate any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Certificate including the product appraisal criteria underlying it and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Certificates will be reviewed and reissued at regular intervals not exceeding five (5) years.

WSAA reserves the right to withdraw this Certificate at any time in its sole and absolute discretion for any reason.

The following information explains a number of very important limits on your ability to rely on the information in this Certificate. Please read it carefully and take it into account when considering the contents of this Certificate.

Any enquiries regarding this Certificate should be directed to the Product Appraisal Manager Phone: 03 8605 7601 email [carl.radford@wsaa.asn.au](mailto:carl.radford@wsaa.asn.au).

### **1.1. Issue of Certificate**

This Certificate has been published and/or prepared by WSAA and nominated Project Manager and peer group of technical specialists (the Publishers).

The Certificate and the underlying product appraisal criteria have been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Certificate (the Recipients).

By accepting this Certificate, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Certificate and product appraisal criteria underlying it that the Recipient has understood and accepted the terms of this Disclaimer.

### **1.2. Limits on Reliance on Information and Recommendations**

#### **1.2.1. Disclaimer of liability**

Neither the Publisher(s) nor any person involved in the preparation of the Certificate and product appraisal criteria underlying it accept(s) any liability for any loss or damage suffered by any person however caused (including negligence or the omission by any person to do anything) relating in any way to the Certificate or the product appraisal criteria underlying it. This includes (without limitation) any liability for any recommendation or information in the Certificate or any errors or omissions.

#### **1.2.2. Intellectual Property and other rights**

WSAA does not undertake any assessment of whether the importation, manufacture, sale or use of the Product the subject of this Certificate infringes the intellectual property rights or proprietary rights of any person. Recipients of the Certificate should undertake their own assessment of whether (as relevant) the importation, manufacture, sale or use of the relevant Products infringe the intellectual property rights or other proprietary rights of any person. If the Product infringes intellectual property rights or other proprietary rights there is potential for the supply of the Products to be interrupted.

From time to time WSAA and the other Publishers may receive notice of allegations that the importation, manufacture, sale or use of the Product infringes intellectual property rights or other proprietary rights. WSAA's policy is to not refer to such allegations in its Certificate or take any other steps to put Recipients on notice of such allegations. If, however, WSAA becomes aware that the allegations have been admitted or proved in Court, then WSAA may, at its discretion, take such steps as it considers appropriate. As such, Recipients acknowledge, agree and accept that WSAA may have information in its possession about intellectual property rights infringement allegations or other infringement allegations in relation to the Product which are not referred to or disclosed in this Certificate and which are not otherwise communicated to Recipients.

#### **1.2.3. Need for independent assessment**

The information and any recommendation contained (expressly or by implication) in this Certificate are provided in good faith (and subject to the limitations noted in this Certificate). However, you should treat the information as indicative only. You should not rely on that information or any such recommendation except to the extent that you reach an agreement to the contrary with the Publisher(s).

This Certificate does not contain all information that a person might require for the purposes of assessing any product discussed or appraised within it. The product appraisal criteria used in preparing this Certificate may not address all relevant aspects of the Product.

Recipients should seek independent evidence of any matter which is material to their decisions in connection with an assessment of the Product and consult their own advisers for any technical information required. Any decision to use the Product should take into account the reliability of that independent evidence obtained by the Recipient regarding the Product. Recipients should also independently verify and assess the appropriateness of any recommendation in the Certificate, especially given that any recommendation will not take into account a Recipient's particular needs or circumstances.

WSAA has not evaluated the extent of the product liability and professional indemnity insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

### **1.3. No Updating**

Neither the Publisher(s) nor any person involved in the preparation of this Certificate or the product appraisal criteria underlying it [has] [have] any obligation to notify you of any change in the information contained in this Certificate or of any new information concerning the Publisher(s) or the Product or any other matter.

### **1.4. No Warranty**

The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Certificate, or the accuracy, completeness or reasonableness of any recommendation in this Certificate

**QUALITY AND PRODUCT CERTIFICATIONS**

Copies of the following Quality Certificates are available from WSAA.

**TABLE A1**

**SAINT-GOBAIN PAM (JIANG SU) PIPELINES TECHNOLOGY CO LTD  
- MANAGEMENT SYSTEM**

19 Kazimen Avenue Qin Huai District Nan Jing Jiang Su China	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	8CN039644
Certifying Agency	Bureau Veritas
First Date of Certification	18 March 2022
Current Date of Certification	18 March 2022
Expiry Date of Certification	17 March 2025


**TABLE A2**


**SAINT-GOBAIN PAM (JIANG SU) PIPELINES TECHNOLOGY CO  
- PRODUCT CERTIFICATION**


19 Kazimen Avenue Qin Huai District Nan Jing Jiang Su China	
Product Standard/Spec.	AS/NZS 2280:2020
Certificate No.	OMK 32254
Issuing Certification Body	IAPMO R&T Oceana
First Date of Certification	27 October 2022
Current Date of Certification	7 February 2024
Expiry Date of Certification	26 October 2027


PRODUCT LITERATURE

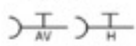
RANGE OF DUCTILE IRON FITTING


DN	Double Socket Bend 				Double Flange bend 				Flange Socket 	Flange Spigot 	Double Socket 	Cap 	Plug 
	11.25°	22.5°	45°	90°	11.25°	22.5°	45°	90°					
100													
150													
300													
375													
450													
500													
600													
750													

DN	Double Socket Tee with Flange branch 										
	80	100	150	200	225	250	300	375	450	500	600
100											
150											
300											
375											
450											
500											
600											

DN	All Socket Tee 									
	100	150	200	225	250	300	375	450	500	600
300										
375										
450										
500										
600										


DN	All Flange Tee 									
	100	150	200	225	250	300	375	450	500	600
300										
375										
450										
500										
600										


DN	Socket spigot flange Tee for air valve and hydrant 	
	80	100
300		
375		
450		
500		
600		


DN	Double sockets flange scour Tee 		
	100	150	200
300			
375			
450			
500			
600			
750			


DN	Socket flange W-Out 90° bend 
100	

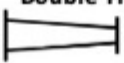


DN	Double spigots flange Tee										
											
	80	100	150	200	225	250	300	375	450	500	600
300											
375											
450											
500											
600											

DN	Hydrant Riser						
							
	Length/mm						
80	100	150	225	300			
100	100	150	225	300	375	600	

DN	Double Socket Taper									
										
	100	150	200	225	250	300	375	450	500	
300										
375										
450										
500										
600										

DN	Socket Flange Taper									
										
	100	150	200	225	250	300	375	450	500	
300										
375										
450										
500										
600										

DN	Double Flange Taper										
											
	100	150	200	225	250	300	375	450	500	600	
300											
375											
450											
500											
600											
750											



## SUPPLIER CONTACTS

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### Authorised Distributor

To be advised