

WSAA PRODUCT APPRAISAL CERTIFICATE

EJ Australia Pty Ltd Composite Access Covers

This appraisal is for a range of Class D composite access covers and frames for sewer applications manufactured in conformance with AS 3996:2019 *Access covers and grates*.

The covers and frames are manufactured from a glass fibre reinforced polymer mixture of polyester, vinyl ester and polyurethane.

The products are:

- DN 600 Class D circular, bolted, sealed access cover.
- DN 900 Class D circular, bolted, sealed access cover.
- 900mm x 600mm Class D rectangular, bolted, sealed access cover.

Quality certification and product details are included in Schedule A.

Product Category	Access Covers
PA Number	PA 2317
Supplier	EJ Australia Pty Ltd
Brand	EJ
Standards	AS 3996:2019 <i>Access covers and grates</i>
WSAA Product Specifications	WSA PS - 292 – <i>Polymeric Access Covers and Frames for Drinking Water, Non-Drinking Water Supply and Sewerage to AS 3996</i>
Issue date	2 July 2024
Expiry date	1 July 2029
Recommendations	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise EJ Class D composite access covers and frames, as detailed in this appraisal, for use in sewer applications, provided pipeline design, manufacture, installation, acceptance testing and commissioning are in accordance with applicable Australian Standards, WSAA Codes and the manufacturer's recommendations
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.

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.

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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 CERTIFICATIONS

Copies of the following quality certificates are available from WSAA.

SCHEDULE A1

EJ AUSTRALIA PTY LTD – MANAGEMENT SYSTEM

2/354 South Pine Road Brendale Qld	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	1552
Certifying Agency	Compliance Australia Certification Services
First Date of Certification	26 November 2019
Current Date of Certification	25 November 2022
Expiry Date of Certification	24 November 2025

SCHEDULE B2

EJ AUSTRALIA PTY LTD– PRODUCT CERTIFICATION

2/354 South Pine Road Brendale Qld	
Product Standard/Spec.	AS 3996-2019
Certificate No.	IMK30034
Issuing Certification Body	IAPMO Oceania
First Date of Certification	11 September 2013
Current Date of Certification	11 September 2023
Expiry Date of Certification	10 September 2028

PRODUCT LITERATURE

The EJ New Release Composite Range

The Game Changes Now

When EJ engineers were tasked with this brief, their real battleground turned out to be Australian roadways, walkways and open public spaces thrashed by seasonal extremes and rumbling hordes of pounding feet and wheels. Their ingenious cover designs are game changers. There's more on how EJ Composite Covers are so ground-breaking in later pages. Now, here's the new selection.



SERVO 600mm Round Class D



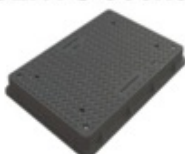
Product Code	No. of Covers	Clear Opening Dia. (mm)	Overall Frame Dia x Height (mm)	Cover Weight (kg)	Total Weight (kg)
C60D	1	600	765 x 75	32	48

SERVO 900mm Round Class D



Product Code	No. of Covers	Clear Opening Dia. (mm)	Overall Frame Dia x Height (mm)	Cover Weight (kg)	Total Weight (kg)
C90D	1	905	1080 x 100	73	105

SERVO 900x600mm Class D



Product Code	No. of Covers	Clear Opening W x L (mm)	Overall Frame W x L x H (mm)	Cover Weight (kg)	Total Weight (kg)
C96D	1	900 x 600	1055 x 755 x 100	56	80



Here's Why EJ Composites Are Ground-Breaking

Features and Benefits



HIGHLY CORROSION RESISTANT:

Sewer, storm and wastewater are the enemies of traditional covers. Composites are impervious to these environments as well as petrochemicals, diesel, petrol, salt water and even hydrogen sulphide.



USER-FRIENDLY:

With significantly less lifting weight than standard covers, they're easier to install and to access; just more ergonomically friendly than metal covers.



NON-CONDUCTIVE:

Composites are a composition of materials that do not conduct electricity. They are a no-brainer for use around utilities and, being non-metallic, heat transfer is also dramatically reduced.



NO SIGNAL INTERFERENCE:

Because of their material content, composites offer virtually no interference with wireless IOT signals so they're ideal in water metering automation or electrical switching for smart grid technology.



THEFT DETERRENT:

Unlike traditional metal covers, composites are of little value to scrap metal scavengers. For security, optional locking devices are available.



SUPPLIER CONTACTS

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