DEKS INDUSTRIES
5/841 Mountain Highway
Bayswater
Victoria 3153
www.deks.com.au

Technical Documents

1: AAV50-40 Technical Documents.

2: AAV50-40 Water Mark Certificate.

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Technical Data Sheet

Product: *DEKS AAV50-40: Air admittance valve 50 – 40 mm.*

Purpose: The product is fitted to a plumbing system which allows air to enter the piping system, but not allowing air or gases out. (End connection – DN50 push fit / DN40 spigot)
Material: ABS (Acrylonitrile butadiene styrene)
Flow Rate: 7.1 L/s

Standards, Testing and Certification: To demonstrate AAV50-40: Air admittance valve 50-40 mm has been tested to AS/NZS 4936:2002 standard. This product has WaterMark certificate (WM – 022466) in accordance with the ABCB Manual for the WaterMark Certification Scheme; – Australian Standards; WaterMark Technical Specifications; and the Plumbing Code of Australia.

Standard	Relevant test method	Result	Certifying Laboratory/ Report
AS/NZS-4936:2002 Air admittance valves (AAVs) for use in sanitary plumbing and drainage systems	Durability – Normal Handling – Drop test	Passed	No DEK-17-1-REP-AAV-1
	Airtightness Test	Passed	
	Endurance and Temperature Test	Passed	
	Opening characteristics and Airflow Test	Passed	

Installation Requirements/ Limitations

The Deks Air Admittance Valve must be:

- Installed in an accessible position, if installed in a wall cavity ventilation opening must be provided.
- Installed in a vertical position (within 5 degrees).
- Installed 100mm above the horizontal waste pipe to which it is fitted.
- Installed 150mm above the insulation in a roof space or attic.
- Installed after the sanitary plumbing or sanitary drainage system has been tested for soundness.
- The Deks Air Admittance Valve must be the same diameter or larger than the vent pipe that would be installed.
- The installation is to comply with the requirements of the local Sanitary Plumbing and Drainage requirements.
- Deks Air Admittance Valve flow rate is 7.1 litre per second allowing for a maximum of 85 fixtures when used for trap or group venting or 5 units when used for stack venting.
- This Air Admittance Valves are suitable for location below the flood level of the appliance or fixture and suitable for operation in the temperature range 0°C to 60°C.

For enquiries and further information refer to **www.deks.com.au.**

IAPMO R&T OCEANA

1040 Dandenong Road, Carnegie, VIC 3163 AUSTRALIA

IAPMO R&T Oceana is a product certification body which inspects and arranges for the independent laboratory testing of samples taken from the manufacturer's stock or from the market or a combination of both, to verify compliance of the requirements of applicable Standards and Specifications. This activity is coupled with periodic surveillance of the manufacturer's factory and any major subcontractor's site/s as well as the assessment of the manufacturer's Quality Assurance System. This certification is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO R&T Oceana of the product acceptance by Authorities Having Jurisdiction.

CERTIFICATE OF CONFORMITY

IAPMO R&T Oceana hereby grants to:

Deks Industries Pty Ltd

A.B.N.: 77107135544

5/841 Mountain Highway, Bayswater, Melbourne, Victoria, Australia, 3153

the right to use the WaterMark in accordance with the ABCB Manual for the WaterMark Certification Scheme;– Australian Standards; WaterMark Technical Specifications; and the Plumbing Code of Australia; only in respect of the certified product as described in the WaterMark Certificate of Conformity – Schedule of Certified Product (Refer also IAPMO Product Listing Directory). The Certificate is granted subject to the rules governing the WaterMark Certification Scheme and the Terms and Conditions of the Approved User Agreement and IAPMO Oceana's WaterMark Governance Rules.

Evaluated to:

AS/NZS 4936

Air admittance valves (AAVs) for use in sanitary plumbing and drainage systems

Manufacturer:

Refer to Licence Holder

Certificate No.:	WM-022466	**Certification Date:**	20 February 2019
First Certified:	20 February 2015	**Expiry Date:**	19 February 2024

Chief Executive Officer of the IAPMO Group

This WaterMark Certificate of Conformity is for the period indicated herein and is void after the date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of IAPMO R&T Oceana, or any evidence of non-compliance with applicable Standards, Specifications or of inferior workmanship, may be deemed sufficient cause for revocation of this certification. This Certificate can only be reproduced in its entirety. Any alteration of this certificate could be grounds for revocation of this certification.

"This certificate is issued by a JAS-ANZ accredited Conformity Assessment Body. The ABCB and JAS-ANZ do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate".

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