

Class 1

Adesso Sol Mains Pressure Diverter Mixer

Product Disclosure Information Self-Assessment

Version: v1

Product name	Adesso Sol Mains Pressure Diverter Mixer
Product line	
Product identifier	Chrome: ADS-SDCSMC / Brushed Nickel: ADS-SDCSMBN

Product description

- Suitable for mains pressure only (500kPa)
- Available in chrome & PVD finishes
- Switch between two water outlets
- 35mm quality European cartridge
- Designed and assembled in NZ
- Watermark certified
- 35 year warranty chrome finish
- 5 year warranty coloured finish

Please refer to the Felton product website page for the following product information:

- Technical details including dimensions
- Technical specification sheets
- Installation Instructions including conditions of use

<https://www.felton.co.nz/sol/sol-mains-pressure-diverter-mixer/>

Relevant building code clauses

B2 Durability — B2.3.1 (b)

F2 Hazardous building materials — F2.3.1

G10 Piped services — G10.3.1

G12 Water Supplies — G12.3.2, G12.3.7

H1 Energy efficiency — H1.3.3

First party self-assessment generated Aug 17, 2023 with BPIR Ready.

Source: <https://bpir.nz/form/view?wz=be6413b8823946073d5abd4bef09b0f20255e9b0>

Get BPIR Ready | bpir.nz

Contributions to compliance

WM25208

Please refer to WM Product Table Search:

[https://watermark.abcb.gov.au/product-table-search?
search=25208&field_wm_categories_target_id=&code=&name=](https://watermark.abcb.gov.au/product-table-search?search=25208&field_wm_categories_target_id=&code=&name=)

B2 - Durability B2.3.1 (c) applies As part of a plumbing system for supply of cold, hot or mixed water temperatures. No maintenance required apart from during normal course of use. Proof of durability – Service history: Felton products have been installed and used in NZ for the last 50 years and warranty calls are at a minimum and within the quality principles of Felton. Installation is to be performed as per the Felton Installation Instructions. All Warranty claims are investigated and corrective/preventive actions are implemented. Products that are WaterMark certified are subject to endurance testing.

Please refer to WM Product Table Search:[https://watermark.abcb.gov.au/product-table-search?
search=25208&field_wm_categories_target_id=&code=&name=](https://watermark.abcb.gov.au/product-table-search?search=25208&field_wm_categories_target_id=&code=&name=)

Warranty statement:

- 35 year warranty chrome finish
- 5 year warranty coloured finish

Adesso (or their approved retailer) reserve the right to assess, repair, replace or service any warranty claims as they see fit. Adesso will endeavour to repair or replace the faulty product(s), subject to investigation and the following requirements;

- warranty claim must be submitted within the warranty period and Adesso (or their approved retailer) must be notified in writing, within ninety (90) days of the issue first appearing
- proof of purchase is required
- product(s) must be installed by the relevant tradesperson and maintained in accordance with the manufacturer's instruction.
- the product(s) are to be used for normal, domestic use only

This warranty DOES NOT APPLY if any product(s) fault results from;

- improper use, improper installation
- where damage is caused by normal wear and tear, the water pressure is outside the recommended levels, where the hot water temperature exceeds 55°C Or if any of the following are not observed; Applicable Health Act.
- any regulation or other standards which governs the water supply and sewerage plumbing requirements for installation in a particular area or location. The warranty is limited to the replacement of defective parts only.

Excluded from the warranty;

- labour charges and/or damage incurred during incorrect installation, repair or consequential damage, or otherwise suffered or incurred by any such person any defect or injury caused by or resulting from misuse, abuse or neglect, accidental damage, improper installation or other alterations or modifications which affect the reliability or performance of the item, not attributed to faulty manufacture.

G12 (Water supplies) G12.3.2 applies (contamination of water)

All Felton products are designed, manufactured and inspected/tested, that are WaterMark certified, are subject to contamination of water testing (AS/NZS 4020).

Please refer to WM Product Table Search: https://watermark.abcb.gov.au/product-table-search?search=25208&field_wm_categories_target_id=&code=&name=

G12 (Water supplies) G12.3.7 applies (flow rates)

All Felton products are designed, manufactured and inspected/tested, that are WaterMark certified, are subject to flow rates testing that is within the limitation set by the AS/NZS 3500 (NZBC) and the WELS regulations.

F2 Hazardous building materials - F2.3.1 - Not applicable

G10 Piped services - G10.3.1 - Not applicable

H1 Energy efficiency - H1.3.3 - Not applicable

Scope of use

As part of a plumbing system for supply of cold, hot or mixed water temperatures. This product can be used in residential and/or commercial buildings where cold, hot or mixed water temperatures is required to be supplied limited to pressure situations as indicated in installation guide. Not suitable for use in areas which are being permanently concealed such as behind concrete.

Conditions of use

Must be installed according to installation guide and be installed by a registered plumber.

Temperature limits for the water – refer to installation guide on product page of website:

<https://www.felton.co.nz/sol/sol-mains-pressure-diverter-mixer/>

Supporting documentation

The following additional documentation supports the above statements:

None added

Contact details

Manufacture location	New Zealand
Legal and trading name of manufacturer	Felton Industries Ltd
Manufacturer address for service	8 Farmhouse Lane St Johns Auckland 1072
Manufacturer website	www.felton.co.nz
Manufacturer email	sales@felton.co.nz
Manufacturer phone number	0800 743 358

First party self-assessment generated Aug 17, 2023 with BPIR Ready.

Source: <https://bpir.nz/form/view?wz=be6413b8823946073d5abd4bef09b0f20255e9b0>

Get BPIR Ready | bpir.nz

Manufacturer NZBN	9429037747183
-------------------	---------------

Warnings and bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

No

Appendix

BPIR Ready selections

Category: Water supply systems

	Yes	No
Intended for hot water transmission	x	
Capable of being permanently concealed		x

Building code performance clauses

All relevant building code performance clauses listed in this document:

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (b) 15 years if:
 - i. those *building elements* (including the *building* envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or
 - ii. failure of those *building elements* to comply with the *building code* would go undetected during normal use of the *building*, but would be easily detected during normal maintenance.

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

G10 Piped services

G10.3.1

Piping systems shall be constructed to avoid the likelihood of:

- a. significant leakage or damage during normal or reasonably foreseeable abnormal conditions,
- b. detrimental contamination of the contents by other substances,
- c. adverse interaction between services, or between piping and electrical systems, and
- d. people having contact with pipes which could cause them harm.

G12 Water Supplies

G12.3.2

A potable *water supply system* must be—

- a. protected from contamination; and
- b. installed in a manner that avoids the likelihood of contamination within the system and the water main; and
- c. installed using components that will not contaminate the water.

G12.3.7

Water supply systems must be installed in a manner that

- a. pipes water to *sanitary fixtures* and *sanitary appliances* at flow rates that are *adequate* for the correct functioning of those *fixtures* and *appliances* under normal conditions; and
- b. avoids the likelihood of leakage; and
- c. allows reasonable access to components likely to need maintenance; and
- d. allows the system and any backflow prevention devices to be isolated for testing and maintenance.

H1 Energy efficiency

H1.3.3

Account must be taken of physical conditions likely to affect energy performance of buildings, including

- a. the thermal mass of *building elements*; and
- b. the building orientation and shape; and
- c. the airtightness of the building envelope; and
- d. the heat gains from services, processes and occupants; and
- e. the local climate; and
- f. heat gains from solar radiation.