

Studor Chem-Vent

BPIR Declaration

Version: V1 30/10/23

Designated building product: Class 1

Declaration

Hydroflow Distributors Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Studor Chem-Vent
Line	
Identifier	

Description

The Studor Chem-Vent AAV is an accepted alternative to replace all forms of conventional branch venting, with localised active ventilation of the chemical drainage system. The Chem-Vent is manufactured from chemical resistant and field-tested flame retardant polyo-propylene (PP) material. This specialist AAV results in great savings by reducing the need for expensive chemical resistant vent piping, as well as improving performance of specialised acid waste systems

Temperature range -20°C to +60°C Product size DN 40

Chemical & environmental resistance Category Rating Weak alkalis E Strong alkalis E Weak acids E Strong acids E Solvents E Organic chemicals E Alcohols F Oxidizing acids P Hydrocarbons P Fuels P Gamma radiation F UV radiation P

Ratings E = Excellent G = Good F = Fair P = Poor

Scope of use

Studor Maxi-Filtra ventilates drainage systems where chemicals could be present. It is designed for residential and commercial use.

The exclusive Chem-Vent is designed specifically for chemical and acid waste laboratory systems. It is

especially suitable for the following areas: • Hospitals • Biomedical • Petrochemical • Schools • Pharmaceutical Manufacturing • Food and Drink Process Manufacturing • Hazardous Environments • Electronic / Electrical

Conditions of use

The Studor Chem-Vent must be installed by a registered plumber.

The Studor Chem-Vent should be connected to the piping in accordance with Studor's installation instructions. Refer to your local area regulations for open vent requirements

Relevant building code clauses

B2 Durability — B2.3.1 (b)

F2 Hazardous building materials — F2.3.1

G13 Foul water — G13.3.1, G13.3.2

Contributions to compliance

Contributions to compliance B2.3.1(a) (ii) and (iii) and B2.3.2: Studor Chem-Vent apply to B2 acceptable solution. Elements that are moderately difficult to access or replace require not less than 15 years. For example, plumbing in walls or skillion roofs, wall or roof claddings.

G13.3.1 Studor Chem-Vent aids in conveying foul water from buildings to a drainage system and avoids the likely hood of leaks and foul air and gases entering the building.

G13.3.2 Studor Chem-Vent system aids in conveying foul water to an appropriate outfall.

Supporting documentation

The following additional documentation supports the above statements:

Studor Chem-Vent Spec Sheet	file:///T:/Studor/2021/Chem-Vent%20Spec%20Sheet%20AU.pdf
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For further information supporting Studor Chem-Vent claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Studor
Legal and trading name of importer	Hydroflow Distributors Ltd
Importer address for service	221 Bush Road Auckland 0632
Importer website	https://hydroflow.co.nz/

Importer NZBN	9429000017411
Importer email	orders@hydroflow.co.nz
Importer phone number	0800488444

Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Studor Chem-Vent is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Hydroflow Distributors Ltd:**

Your Signature

Your Name

YOUR POSITION

Month Year

Hydroflow Distributors Ltd

221 Bush Road Auckland 0632 New Zealand
0800488444 | <https://hydroflow.co.nz/>

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Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

BPIR Ready selections

Category: Foul water conveying plumbing and drainage systems

	Yes	No
Capable of being permanently concealed		x

Building code performance clauses



First party self-assessment generated Oct 30, 2023 with BPIR Ready.

Source: <https://bpir.nz/form/view?wz=45c1b5c1a10a2674ae24b0a1a6b5be5ebe691da5>

Get BPIR Ready | bpir.nz

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.

G13 Foul water

G13.3.1

The plumbing system shall be constructed to:

- a. convey foul water from buildings to a drainage system,
- b. avoid the likelihood of blockage and leakage,
- c. avoid the likelihood of foul air and gases entering buildings, and
- d. provide reasonable access for maintenance and clearing blockages.

G13.3.2

The drainage system shall:

- a. convey foul water to an appropriate outfall,
- b. be constructed to avoid the likelihood of blockage,
- c. be supported, jointed and protected in a way that will avoid the likelihood of penetration of roots or the entry of ground water,
- d. be provided with reasonable access for maintenance and clearing blockages,
- e. be ventilated to avoid the likelihood of foul air and gases accumulating in the drainage system and sewer, and
- f. be constructed to avoid the likelihood of damage from superimposed loads or normal ground movement.