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**Building Materials Evaluation  
Commission**

**Commission d'évaluation des  
matériaux de construction**

## **BMEC AUTHORIZATION: 24-07-418 ProSet Trap Guard<sup>®</sup> device**

**Date of Authorization: November 27, 2024**  
**Date of Expiry<sup>1</sup>: November 27, 2029**

### **1. Applicant**

ProVent Systems Inc.  
1355 Capital Circle  
Lawrenceville, GA  
USA, 30043

Tel: (800) 262-5355  
Web: [www.proventsystems.com](http://www.proventsystems.com)

### **2. Manufacturing Facility**

ProVent Systems Inc.  
1355 Capital Circle  
Lawrenceville, GA  
USA, 30043

### **3. Authorization**

The ProSet Trap Guard<sup>®</sup> is a barrier-type floor drain trap seal device that minimizes evaporation and stop the emission of sewer gases and the entry of vermin or insects coming up from the drain. The ProSet Trap Guard<sup>®</sup> device is made of a soft, flexible elastomeric PVC material molded to a ridge PVC fitting in the shape of a duck's bill, open at the top with a special curl closure at the bottom.

The ProSet Trap Guard<sup>®</sup> device is designed to be used inside of an approved floor drain fixture. The smooth flexible ProSet Trap Guard<sup>®</sup> device surface allows wastewater to open and adequately discharge the fixture through its interior and close after the wastewater discharges to prevent possible sewer gas emissions.

Additional descriptive information is provided in documents supplied by the Applicant listed in Appendix A.

<sup>1</sup> This Authorization expires on the date shown. It is the responsibility of Authorization holders to make a complete application considering the time for review and complexity of the new application.

Reports and assessment provided by the Applicant demonstrate that if the ProSet Trap Guard® devices are manufactured, designed, installed, and maintained in accordance with the manufacturer's instructions and limitations, and the specific terms and conditions stated in this authorization, the use of the ProSet Trap Guard® devices shall be deemed to not be a contravention of Article 7.4.5.5. of Division B of the Building Code.

All other requirements pertaining to the construction and installation are subject to the requirements of the Building Code, and subject to the following terms and conditions contained below.

#### 4. Specific Terms and Conditions

- 4.1. This Authorization is valid only for the ProSet Trap Guard® devices sizes 50 mm (2 in) and 75 mm (3 in) as set out in the following table:

Model Number	Description
SG22IP	2" Suds Guard fits inside 2" PVC or C.I. pipe
TG22P	2" TG fits inside 2" PVC pipe
TG22IP	2" TG fits inside 2" C.I. pipe
TG22G	2" TG fits through a 2" gasket to inside pipe
TG22SC	2" TG fits into 842-2 Sioux Chief tailpiece
TG33IP	3" Suds Guard fits inside 3" PVC or C.I. pipe
TG33G	3" TG fits through a 3" gasket to inside pipe
TG33SC	3" TG fits into 842-3 Sioux Chief tailpiece
TG34G	3" TG fits through a 4" gasket to inside pipe
TG34IP	3" TG fits inside 4" PVC or C.I. pipe
TG3H	3" TG fits inside Smith 2000 and Josam 3000
TG34HM	3" TG fits inside Mifab tailpiece
TG34HW	3" TG fits inside Watts tailpiece
TG34SC	3" TG fits into 842-4 Sioux Chief tailpiece
TG33Zurn	3" TG fits inside Z415 tailpiece
TG33Wade	3" TG fits inside Wade tailpiece
TG34TP	3" T fits inside 4" strainer tailpiece

- 4.2. The ProSet Trap Guard® device shall be installed flush with the finish of shower, concrete or ceramic floors;
- 4.3. The ProSet Trap Guard® device, once installed, shall not reduce the flow through a pipe by more than 10 percent;
- 4.4. The ProSet Trap Guard® device shall be installed on floor drains conforming to ASME/ANSI A112.6.3. or CSA B79 "General Purpose Drains", in accordance with the manufacturer's instructions. The ProSet Trap Guard® device must be installed above the trap seal of the floor drain

and it shall not come in contact with the water in the trap seal in any of the closed or open position;

- 4.5. The ProSet Trap Guard® device shall only be used in floor drains in conjunction with a functioning vented trap;
- 4.6. The ProSet Trap Guard® device shall be used in floor drains for which the maximum permitted drainage flow rates does not exceed 12 GPM for 50 mm (2 in) models and 34 GPM for 75 mm (3 in) models;
- 4.7. The ProSet Trap Guard® device shall not be used on floors subject to grease-laden waste or wood and/or waxed floors;
- 4.8. The ProSet Trap Guard® device shall not be installed in systems where the water temperature discharge is greater than 60°C (140°F) or higher;
- 4.9. The ProSet Trap Guard® device shall not be installed where the discharge sewage or waste may damage or impair the fitting;
- 4.10. The ProSet Trap Guard® device must maintain an effective trap water seal;
- 4.11. The ProSet Trap Guard® device shall comply with the ASSE1072 “Performance Requirements for Barrier Type Trap Seal Protection for Floor Drains” standard;
- 4.12. The ProSet Trap Guard® device shall have as a minimum the following permanent and visible markings:
  - (a) ProVent Systems Inc.,
  - (b) ASSE 1072,
  - (c) Name and Model Number, and
  - (d) ICC-ES PMG listing mark;
- 4.13. The ProSet Trap Guard® device shall be used in strict accordance with the ICC-ES PMG product certification and manufacturer’s instructions;
- 4.14. The ProSet Trap Guard® device shall not be used in applications where the room/space has an atmospheric pressure less than the ambient pressure of the exterior of the room/space or building;
- 4.15. Where a final test is performed, as required by Article 7.3.6.6. of Division B of the Building Code, the final test must be performed prior to the floor drain trap(s) being filled with water to confirm the device installation.
- 4.16. All certifications noted in this Authorization shall be kept up to date.

## 5. General Conditions

- 5.1. The use of the ProSet Trap Guard® device as described in Section 3. and the Specific Terms and Conditions set out in Section 4. must comply with:
  - (a) the *Building Code Act, 1992*, (the “Act”) as amended or re-enacted,
  - (b) except as specifically authorized herein, the Building Code as amended or remade, and
  - (c) all other applicable legislation.
- 5.2. A copy of this Authorization shall accompany each application for a building permit and shall be maintained on the site of the construction with the building permit.
- 5.3. The Applicant specified in Section 1. shall promptly notify the BMEC of:
  - (a) the failure of the Applicant to comply with any of the Specific Terms and Conditions set out in Section 4.,
  - (b) the failure of the material, system or building design that is the subject matter of this Authorization to
    - i. comply with any of the Specific Terms and Conditions set out in Section 4., or
    - ii. provide a satisfactory level of performance in situ,
  - (c) or the occurrence of any of the events described in General Conditions 5.4.(a), (b), or (e).
- 5.4. The BMEC may amend or revoke this Authorization at any time on its own initiative, or at the request of the Applicant specified in Section 1. Without restricting the foregoing, the BMEC may amend or revoke this Authorization where it determines that:
  - (a) any change has been made to:
    - i. the name of the Applicant specified in Section 1.,
    - ii. the address or other contact name information of the Applicant specified in Section 1.,
    - iii. the ownership of the Applicant specified in Section 2.,
    - iv. the manufacturing facilities specified in Section 2,
    - v. the material, system, or building design that is the subject matter of this Authorization, or
    - vi. a test method relevant to this Authorization,
  - (b) the Applicant has failed to comply with any of the terms and conditions set out in this Authorization,
  - (c) in the opinion of the BMEC, the use of the material, system or building design authorized herein provides an unsatisfactory level of performance in situ,

- (d) in the opinion of the BMEC, amendment or revocation of the Authorization is appropriate on the basis of potential danger to public health and safety,
- (e) the *Act* or Building Code has been amended, re-enacted or remade in a manner relevant to this Authorization,
- (f) this Authorization was issued on mistaken, false or incorrect information, or
- (g) a revision of an editorial nature is appropriate.

Dated at Toronto this 27<sup>th</sup> day of November 2024

**BUILDING MATERIALS EVALUATION COMMISSION**



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Leo Grellette  
Chair, Building Materials Evaluation Commission

ATTACHED – “APPENDIX A – SUPPORTING INFORMATION”

## Appendix A – Supporting Information

The following is a list of the documents that were submitted and reviewed, but were not limited to:

1. BMEC application, ProVent Systems Inc., “Building Materials Evaluation Commission”, dated March 25, 2024;
2. Certificate, ICC Evaluation Service, “ICC-ES PMG Product Certificate”, dated May 2023;
3. Data Sheet, A. Schulman, “Material Safety Data Sheet, dated January 19, 2012;
4. Data Sheet, Aurora Plastics, “GHS Safety Data Sheet”. Dated May 21, 2015;
5. Drawing No. TG-23-IPD “Trap Guard Drain Insert Protection”, dated 8-01-11;
6. Engineer’s report, LRI, “PROVENT SYSTEMS TRAPGUARD”, dated October 31, 2024;
7. Manual, ProVent Systems Inc, “Trap Guard Quality Control Manual”, as amended;
8. Test report, SGS, “2356443-R2”, dated April 13, 2011;
9. Testing, Cerny & Ivey Engineers Inc., “Engineer report 22007 Testing of Trap Guard”, dated January 19, 2002; and
10. Trap Guard sticker samples.