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**Building Materials Evaluation
Commission**

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

BMEC AUTHORIZATION: 03-10-289 Trap Guard™ Valve

Date of Authorization: October 30, 2003
Date of Amendment: July 29, 2020
Date of Expiry¹: July 29, 2023

1. Applicant

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

2. Manufacturing Facility

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

ProVent Systems, Inc.
519 Honeysuckle Road
Spartanburg, South Carolina
29303, USA

Tel: (770) 339 -1782
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3. Authorization

The ProVent Systems, Inc. Trap Guard™ Valve 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 Trap Guard™ Valve is used inside of an approved floor drain fixture. The smooth flexible Trap Guard™ Valve 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.

¹ 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 assessments provided by the applicant show that if the Trap Guard™ Valve is designed, performance tested and installed in accordance with the manufacturer's instructions and limitations and the specific terms and conditions stated in this authorization, the level of performance required by the 1997 Ontario Building Code will be provided.

The Trap Guard™ Valve is authorized for use as an equally effective means of providing a trap seal primer, all other requirements pertaining to the installation are subject to the requirements of the 1997 Ontario Building Code.

4. Specific Terms and Conditions

1. This Authorization is valid only for ProVent Systems, Inc. Trap Guard™ Valve, for 2", 3" and 4" diameter floor drain sizes.
2. The ProVent Systems, Inc. Trap Guard™ Valve shall be installed flush with the finished floor.
3. If a ProVent Systems, Inc. Trap Guard™ Valve is installed, then it shall not reduce the flow through a pipe by more than 10 percent.
4. The strainer which covers the ProVent Systems, Inc. Trap Guard™ Valve shall have the following label "Trap Guard™ Protection Inside"; the label shall be:
 - a. permanently attached,
 - b. waterproof,
 - c. adhered in a manner that it does not obstruct the strainer's flow, and
 - d. installed on a contrasting background.
5. The ProVent Systems, Inc. Trap Guard™ Valve shall be accessible by removing the strainer top.
6. The ProVent Systems, Inc. Trap Guard™ Valve shall not be installed in systems where the water temperature discharge is greater than 93.3° C (200° F) or higher.
7. The ProVent Systems, Inc. Trap Guard™ Valve may be installed in a floor drain system that complies with CSA B 79, or floor drains installed in conformance with the Building Code.
8. The ProVent Systems, Inc. Trap Guard™ Valve shall not be installed where the discharge sewage or waste may damage or impair the fitting.

5. General Conditions

1. The use of the Trap Guard™ Valve 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.
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.

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, or
 - (c) the occurrence of any of the events described in General Conditions 5.4.(a), (b), (e) or (f).

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 1,
 - (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 Wednesday July 29, 2020

BUILDING MATERIALS EVALUATION COMMISSION



Leo Grellette
Chair, Building Materials Evaluation Commission

ENCLOSURES: APPENDIX A - SUPPORTING INFORMATION

Appendix A – Supporting Information

1. Southern Building Code Congress International, Report Number 2218, copyrighted 2002.
2. Curney & Ivey Engineering Inc. Test Report, January 19, 2002, Subject Engineering Report 22007, Testing of Trap Guard.”
3. Intertek Testing Services, Issued January 31, 2003, Revised March 26, 2003, Listing Report Number 478-3031903-01/03 “ A Model “ Proset Systems, Inc. Trap Guard™ Floor Drain.”
4. Installation Instructions.
5. Letter of Approval, City of Philadelphia, July 3, 2003.
6. Letter of Approval, City of Winnipeg, July 21, 2003.
7. Forest Mechanical Inc., Engineer’s letter, dated August 18, 2005