

777 Bay Street, 16<sup>th</sup> Floor  
Toronto, Ontario, M5G 2E5  
T: 416 585 4234  
W: [ontario.ca/buildingcode/](http://ontario.ca/buildingcode/)

777, rue Bay, 16<sup>e</sup> etage  
Toronto, Ontario, M5G 2E5  
T: 416 585 4234  
W: [ontario.ca/buildingcode/](http://ontario.ca/buildingcode/)



## **BMEC AUTHORIZATION: 22-02-398**

### **RectorSeal's SureSeal® Floor Drain Trap Seals**

**Date of Authorization:**  
**Date of Expiry<sup>1</sup>:**

**February 23, 2022**  
**February 23, 2027**

#### **1. Applicant**

RectorSeal  
2601 Spenwick Drive  
Houston, Texas  
77055, USA

Tel: (713) 263-8001  
Tel: (800) 231-3345  
Web: [www.rectorseal.com](http://www.rectorseal.com)

#### **2. Manufacturing Facility**

RectorSeal  
2601 Spenwick Drive  
Houston, Texas  
77055, USA

#### **3. Authorization**

RectorSeal's SureSeal® Floor Drain Trap Seals models SS2009V (50mm / 2 in.), SS3009V (76mm / 3 in.), SS3509V (89mm / 3.5 in.) and SS4009V (100mm / 4 in.) are inline floor drain trap sealers designed to minimize the evaporation of the trap seal. RectorSeal's SureSeal® Floor Drain Trap Seals prevents the mitigation of sewer gases and vermin into the building while the design permits the flow of liquid down the drain and closes when there is no flow.

RectorSeal's SureSeal® Floor Drain Trap Seals models SS2009V, SS3009, SS3509V and SS4009V are made from high density polyethylene with heavy duty proprietary silicone diaphragm and soft EPDM rubber. The internal metallic parts have a corrosion

---

<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.

resistance equal to or greater than 300 series stainless steel. Additional descriptive information is provided in documents supplied by the Applicant listed in Appendix A.

Reports and assessments provided by the Applicant demonstrate that if RectorSeal's SureSeal® Floor Drain Trap Seals are manufactured, designed, constructed, tested, and installed in accordance with the manufacturer's instructions and limitations, and the specific terms and conditions stated in this authorization, the use of RectorSeal's SureSeal® Floor Drain Trap Seals shall be deemed to not be a contravention of Sentence 7.2.3.1.(1) "Traps", Article 7.3.6.6 "Final Tests", Sentence 7.4.5.5.(1) "Trap Seals" and Article 11.3.4.1 "Extension, Material Alteration or Repair" of Division B of the Building Code.

All other requirements pertaining to the manufacture, design, construction, testing, 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 RectorSeal's SureSeal® Floor Drain Trap Seals models SS2009V (50mm / 2 in.), SS3009V (76mm / 3 in.), SS3509V (89mm / 3.5 in.) and SS4009V (100mm / 4 in.);
- 4.2. RectorSeal's SureSeal® Floor Drain Trap Seals shall be installed in conjunction with an approved floor drain body or adjustable strainer throat;
- 4.3. RectorSeal's SureSeal® Floor Drain Trap Seals shall only be used in floor drains in conjunction with a functioning trap;
- 4.4. RectorSeal's SureSeal® Floor Drain Trap Seals shall be accessible;
- 4.5. RectorSeal's SureSeal® Floor Drain Trap Seals shall be installed into a floor drain body or strainer throat ensuring the SureSeal® Floor Drain Trap Seal is level and properly seated;
- 4.6. RectorSeal's SureSeal® Floor Drain Trap Seals shall not extend into trap (water) seal when open;
- 4.7. RectorSeal's SureSeal® Floor Drain Trap Seals shall not be installed in locations where the liquid discharge may reach or exceed a temperature of 60 °C +/- 2.8 °C (143 °F +/- 5 °F);
- 4.8. RectorSeal's SureSeal® Floor Drain Trap Seals shall have a minimum of the following permanent and visible markings:
  - (a) SureSeal® name,
  - (b) Model Number (SS2009V, SS3009V, SS3509V, or SS4009V);
  - (c) ICC-ES PMG listing marking;
  - (d) C/IAPMO® triangular certification mark;
  - (e) Floor rating ASSE1072 AF GW;
  - (f) Floor drain size;

- 4.9. Where a final test is made as per Article 7.3.6.6 “Final Tests” of the Building Code, the test shall be performed before the trap seal is installed; and
- 4.10. All certifications noted in this authorization shall be kept up to date.

## 5. General Conditions

- 5.1. The use of RectorSeal’s SureSeal® Floor Drain Trap Seals 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 comply with any of the Specific Terms and Conditions set out in Section 4., or
  - (c) provide a satisfactory level of performance in situ, 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) the failure of 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 23 day of February 2022

**BUILDING MATERIALS EVALUATION COMMISSION**



---

CHAIR, BUILDING MATERIALS EVALUATION COMMISSION

attached – “Appendix A – Supporting Information”