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Ontario

**Building Materials Evaluation
Commission**

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

BMEC AUTHORIZATION: 16-03-379 SureSeal® Floor Drain Traps Seals

Date of Authorization: October 28, 2016
Date of Expiry¹: October 28, 2021

1. Applicant

RectorSeal
2601 Spenwick Drive
Houston, Texas
USA 77055

Tel: 713 263-8001
Tel: 800 231-3345
Fax: 713 263-7577
Web: www.rectorseal.com

2. Manufacturing Facility

RectorSeal
2601 Spenwick Drive
Houston, Texas
USA 77055

3. Authorization

The SureSeal Floor Drain Trap Seals models numbers SS2009V, (50 mm / 2 in.), SS3009V (76 mm / 3 in.), SS3509V (90 mm / 3.5 in.), and SS4009V (100 mm / 4 in.) (the "SureSeal Floor Drain Trap Seals") are inline floor drain trap sealers designed to allow liquid to flow down the drain while preventing the migration of sewer gases and vermin from below the drain.

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.

The SureSeal Floor Drain Trap Seals models SS2009V, SS3009, and SS4009V are made of High Density Poly Ethylene (HDPE) housing with a silicone diaphragm and soft EPDM rubber sealing gasket; model SS3509V is made of High Density Poly Ethylene (HDPE) housing with a EPDM rubber diaphragm and soft rubber sealing gasket. Additional descriptive information is provided in documents supplied by the Applicant listed in Appendix A.

Reports and assessment provided by the Applicant demonstrate that if the SureSeal Floor Drain Trap Seals are manufactured, designed, constructed, installed, tested 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 SureSeal Floor Drain Trap Seals shall be deemed to not be a contravention of Sentence 7.4.5.5.(1) 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 in 4 and 5 below:

4. Specific Terms and Conditions

1. This authorization is valid only for RectorSeal's SureSeal Floor Drain Trap Seals models numbers SS2009V, (50 mm / 2 in.), SS3009V (76 mm / 3 in.), SS3509V (90 mm / 3.5 in.), and SS4009V (100 mm / 4 in.);
2. The SureSeal Floor Drain Trap Seals shall have a minimum of the following permanent and visible markings:
 - (a) RectorSeal,
 - (b) ASSE 1072., and
 - (c) Model Number (SS2009V, SS3009V, SS3509V, or SS4009V);
3. The SureSeal Floor Drain Traps Seal shall not be installed in locations where the liquid discharge may reach or exceed a temperature of 61⁰C (143⁰F); and
4. The SureSeal Floor Drain Trap Seals shall maintain the "Certificate of Listing" from IAPMO for ASSE Standard 1072 "Performance Requirements for Barrier Type Floor Drain Trap Seal Protection Devices".

5. General Conditions

1. The use of the 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.

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 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.

On behalf of the Building Materials Evaluation Commission

Edward Link, P. Eng.
Chair, Building Materials Evaluation Commission

ENCLOSURES: 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. Letter Report, Vortex Fire Consulting Inc., “Engineer’s Report for Sure Seal® Floor Drain Trap Seals”, dated August 29, 2016;
2. Letter Report, Vortex Fire Consulting Inc., “Engineer’s Report for Sure Seal® Floor Drain Trap Seals”, dated October 11, 2016;
3. Manufacturer’s Literature with installation Instructions, Sure Seal “Stop floor drain orders before they start”, Inline Floor Drain Trap Sealer” 2 pages;
4. Specification Sheet, RectorSeal, “The Green Solution: 2” SureSeal model #SS2009V”;
5. Specification Sheet, RectorSeal, “The Green Solution: 3” SureSeal model #SS3009V”;
6. Specification Sheet, RectorSeal, “The Green Solution: 3.5” SureSeal model #SS3509V”;
7. Specification Sheet, RectorSeal, “The Green Solution: 4” SureSeal model #SS4009V”;
8. Test Results, QAI Laboratories Inc., “Testing ASSE standard 107207”, Test Report No: TJ1896 Rev 3, 4 pages, dated September 3, 2015;
9. Certificate, ASSE International, “Seal Listing Certificate of Renewal”, seal number 1409, dated May 5, 2016;
10. Certificate, IAPMO Research and Testing, Inc., “Certificate of Listing”, file no. C-4165, 2 pages, effective date August 2016; and
11. Test Report, ICC Evaluation Service, ICC-ES Report, “Sure Seal® - Barrier Type Floor Drain Trap Seal Protection Devices (“Device”), PMG-1070, 2 pages, re-issued February 2016.