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Ontario

**Building Materials Evaluation
Commission**

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

BMEC AUTHORIZATION: 14-05-371

IPEX: Single XFR® PVC-DWV Apartment Fitting (Part No. 526007) and Double XFR® PVC-DWV Apartment Fitting (Part No. 526008)

Date of Authorization: April 24, 2014
Date of Expiry¹: April 24, 2019
Date of Revision September 29, 2016 (update contact information)

1. Applicant

IPEX Inc.
1425 North Service Road E
Unit 3, Oakville, Ontario
L6H 1A7

Tel: 289 881-0120
Tel: 800 463-9572
Fax: 905 403-1124
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2. Manufacturing Facility

IPEX Inc.
6810 Invader Crescent
Mississauga, Ontario
Canada
L5T 2B6

3. Authorization

The IPEX: Single XFR® PVC-DWV Apartment Fitting (Part No. 526007) consists of: a 3in. (75 mm) spigot and hub main fitting tee pipe, a 3 in. (75 mm) sanitary tee (hub), and two 1½ in. (38 mm) side inlets (hubs) at a 90° angle between each other. These side inlets are located above the sanitary tee branch and oriented 45° offset with reference to the sanitary tee.

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 IPEX: Double XFR® PVC-DWV Apartment Fitting (Part No. 526008) consists of: a 3in. (75 mm) spigot and hub main fitting tee pipe, two diametrically opposite 3 in. (75 mm) sanitary tees (hub), four 1½ in. (38 mm) side inlets (hubs) at a 90° angle between each other. These side inlets are located above the sanitary tee branch and oriented 45° offset with reference to the sanitary tee.

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 IPEX: Single XFR® PVC-DWV Apartment Fitting (Part No. 526007) and Double XFR® PVC-DWV Apartment Fitting (Part No. 526008) 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 IPEX: Single XFR® PVC-DWV Apartment Fitting (Part No. 526007) and Double XFR® PVC-DWV Apartment Fitting (part no. 526008) shall be deemed to not be a contravention of Sentences 7.2.4.1.(1), 7.2.4.1 (2), and 7.2.4.5. 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 in 4 and 5 below:

4. Specific Terms and Conditions

1. This Authorization is valid only for IPEX's: Single XFR® PVC-DWV Apartment Fitting (Part No. 526007) and Double XFR® PVC-DWV Apartment Fitting (Part no. 526008) Apartment Fitting (the "IPEX Fittings");
2. The IPEX Fittings shall be manufactured and shall not be field constructed or replicated from individual components;
3. The IPEX Fittings are permitted in single and double configurations appropriate for the intended modified stack venting configurations;
4. A 3 in. (75 mm) diameter pipe extending 18½ in. (470 mm) shall be installed above the IPEX Fittings, no other fittings are permitted to connect to the extension, and the pipe extension shall be made with either XFR® PVC-DWV, or PVC-DWV appropriate to the construction of the building;
5. All inlets of the IPEX Fitting shall be connected to functioning plumbing fixtures, unused inlets are not permitted; and
6. The manufactured IPEX Fittings shall be clearly marked and certified in accordance with:
 - a. CSA B181.2, "PVC Drain, Waste, and Vent Pipe and Pipe Fittings", and
 - b. CAN/ULC-S102.2, "Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies."

5. General Conditions

1. The use of the IPEX Fittings 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.

Dated at Toronto this 24th day of April 2014

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. CSA Certificate Record, IPEX Inc. “CSA B181.2, "PVC Drain, Waste, and Vent Pipe and Pipe Fittings - File 054893_0_000 ”, 4 pages;
2. Drawing, “CSA B181.2, PVC DWV System 15 Fitting, Part 026008, Double Apartment Fitting”, issued 2013 06 25;
3. Drawing, “CSA B181.2, PVC DWV System 15 Fitting, Part 026007, Double Apartment Fitting”, issued 2002 03 01;
4. Drawing, “Single PVC Apartment Fitting, Typical Installation” and “Double PVC Apartment Fitting, Typical Installation”;
5. Testing, Intertek, “Listing Information of IPEX – Systems XFR® PVC-DWV and XFR®/ FR-Pro® 15-50 PVC-DWV Fittings”, rev Aug 19, 2013;
6. Testing, Intertek, “Listing Information of IPEX – System XFR® PVC-DWV Pipes”, rev jul 18, 2013;
7. MSDS, “PVC Pipe and Fittings”, Prepared Date: 2012 02 22, 4 pages;
8. Ontario’s 2012 Building Code, table specific references;
9. BMEC Application 2002-04 “IPEX Single and Double PVC Apartment Fittings, with attachments”, dated March 28, 2002; and
10. Letter Report, IPEX Inc.; dated March 13, 2014.