



LISTING REPORT

Issued: January 31, 2003
Revised: March 26, 2003

REPORT NO. 478-3031903-1/03

INSPECTION, TESTS AND EVALUATION
OF
A MODEL "TRAP GUARD" FLOOR DRAIN

RENDERED TO

PROSET SYSTEMS INC.
1355 Capital Circle,
Lawrenceville, GA 30043-5866
USA

GENERAL: This Report gives the results of the inspection, tests and evaluation of a floor drain system, model "Trap Guard" for compliance with applicable requirements of CSA-B79-94 (R2000) *Floor, Area, and Shower Drains, and Kitchen Cleanouts for Residential Construction, General Instruction No. 1* for listing in Canada. The investigation began on October 23, 2002, and was completed on December 24, 2002. The flexible PVC material incorporated in the design, was provided via the clients' own courier, and considered as representative of the product described in the Product Description Section. The sample was received in good condition on July 29, 2002, at Intertek Testing Services NA Ltd., facility located at 211 Schoolhouse Street, Coquitlam, BC, Canada.

CSA B79-94 (R2000)

Floor, Area, and Shower Drains, and Kitchen Cleanouts for Residential Construction,
General Instruction No. 1

Applicant: PROSET SYSTEMS INC.
1355 Capital Circle,
Lawrenceville, GA 30043-5866
USA

Contact: Mr. Ken Cornwall (phone) 770 339 1782, (fax) 770 339 1784

Manufacturer: Same as above.

Contact: Same as above.

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Warnock Hersey



REVISION PAGE

The following changes have been made to this Report:

<u>DATE</u>	<u>APPROVAL</u>	<u>PAGE</u>	<u>ITEM</u>	<u>DESCRIPTION</u>
None				

PRODUCT DESCRIPTION

The model "Trap Guard" floor drain device is composed of ProSet Systems Inc.'s currently certified floor drains and a soft and flexible elastomeric (PVC) material added to the assembly. The elastomeric material is moulded in the shape of a ducks bill, open at the top with a special "curl closure" at the bottom. It is intended to provide a suitable alternate for protecting sewer gas emissions from plumbing traps, as described in the Canadian National Plumbing Code (sec 4.5.5.1.c), and is manufactured by ProSet Plastics of Spartanburg, SC, USA. Product Model No.'s T25630-xxx, T35630-xxx and T45630-xxx. See Appendix A for photo of a cutaway sample.

TEST PERFORMANCE

Due to similarities with previously certified equipment, only testing of the elastomeric material was deemed necessary. Test data is kept on file at the ITS Coquitlam Laboratory.

A representative sample of the product was tested to section 4.10 Elastomers, of the Standard CSA B79-94 (R2000) *Floor, Area, and Shower Drains, and Kitchen Cleanouts for Residential Construction, General Instruction No. 1*. This section references the appropriate requirements of CSA Standard CAN/CSA B602.


CAN/CSA B602-99

4. General Requirements

- 4.1.2 Tensile Strength and Elongation
- 4.1.3 Hardness
- 4.1.5 Oil Immersion
- 4.1.6 Fluid Immersion
- 4.1.8 Water Absorption
- 4.1.9 Heat Aging
- 4.1.10 Low Temperature Flexibility
- 4.1.11 Tear Strength

6. Marking - CSA B79-94

6.2 Each model "Trap Guard" floor drain shall be permanently marked with the following:

- (a) manufacturer's name or registered trademark;
- (b) the load classification
 - (i) Light Duty-L;
 - (ii) Medium Duty-M;
 - (iii) Heavy Duty-H; or
 - (iv) Extra Heavy Duty-X
- (c) "B79"; and
- (d) the c  logo.

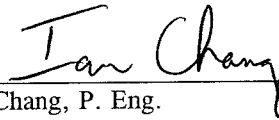
CONCLUSION

A representative sample model "Trap Guard" of the subject product covered in this report has been evaluated and was found to comply with the applicable requirements of the Standard CSA B79-94 (R2000) *Floor, Area, and Shower Drains, and Kitchen Cleanouts for Residential Construction, General Instruction No. 1* for listing in Canada.

Report Prepared by:




Paul Saunier
Technologist
Gas & Plumbing



Ian Chang, P. Eng.
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Gas & Plumbing

PS/cr


GENERAL INFORMATION

The Applicant and Manufacturer have agreed to produce, test and label c  Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify ITS and to request authorization prior to using alternate parts, components or materials.

COMPONENTS:


Components used shall be those listed in the ITS report covering the products specified in the index including any amendments and/or revisions.

LISTING MARK:


The c  listing mark applied to the products shall either be separable in form, such as labels purchased from ITS, or on a product nameplate or other media only as specifically authorized by ITS. Use of the listing mark is subject to the control of ITS.

FOLLOW-UP SERVICE:




Periodic unannounced audits of the manufacturing facility shall be scheduled by ITS. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the c  mark with the requirements of this Report and the Listing, Labeling, and Follow-up Service Agreement.
3. In-plant quality control procedures and personnel.
4. Manufacturing changes.
5. Performance of specified Manufacturing and Production Tests.

In the event that the ITS representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the c  Listing Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.


GENERAL REQUIREMENTS AND DEFINITIONS

Recognized - Identifies any component, part or subassembly covered under the recognition service of an NRTL (US) or a CO (Canada) and intended for use in c  Listed, c  Classified, or c  us Recognized products.

Listed - Identifies any product covered under the Listing or Certification service of an NRTL (US) or a CO (Canada).

Materials - All materials shall be free from deficiencies that affect the products intended purpose.

CORRELATION PAGE FOR MULTIPLE LISTINGS

The following products, which are identical to those identified in the Product Description except for model number and Listee name, are authorized to bear the c  label under provision of the ITS Multiple Listing Program.

MULTIPLE LISTEE:

BASIC LISTEE:

Proset Systems Inc.
1355 Capital Circle,
Lawrenceville, GA 30043-5866
USA

MANUFACTURER:

Same as above

PRODUCT:

Floor Drain System, Model "Trap Guard"

MODEL NUMBER

MODEL NUMBER

See Product Description section

APPENDIX A

PHOTOGRAPH NO. A1 & A2

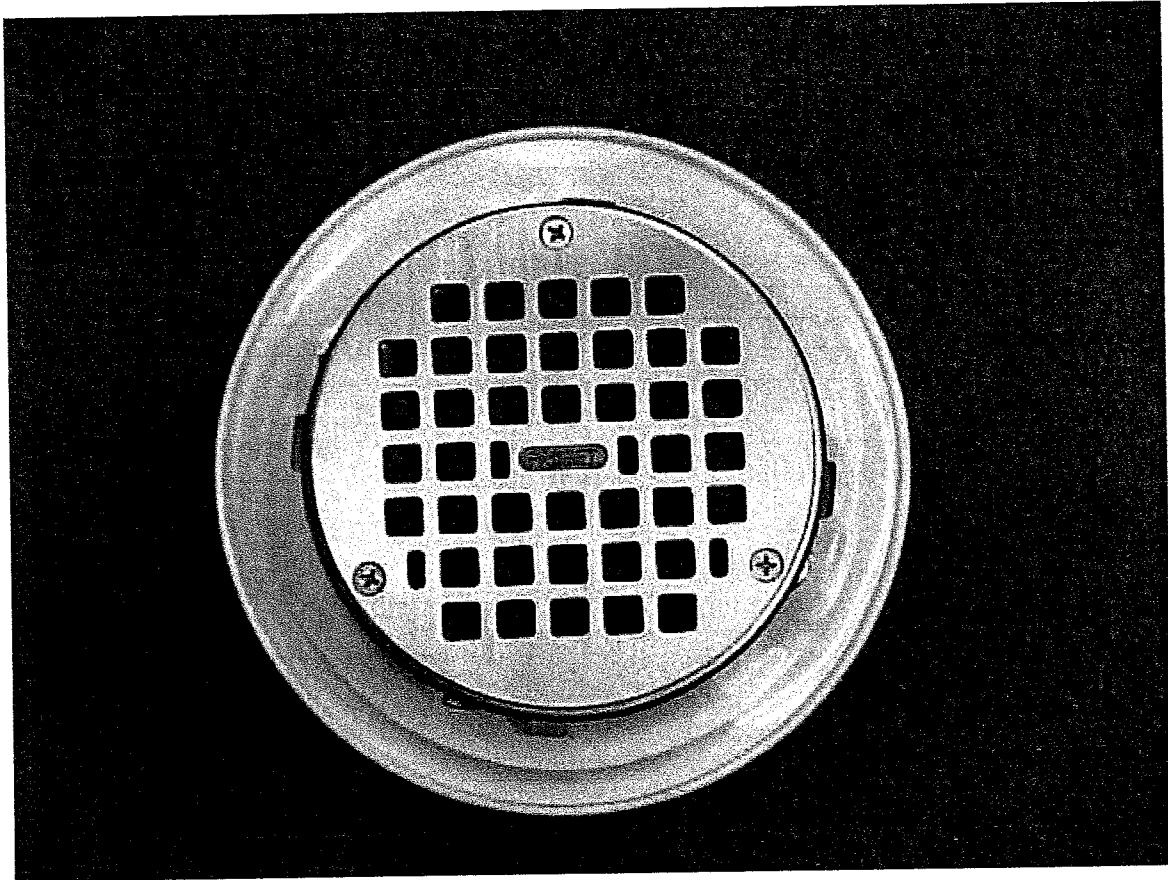
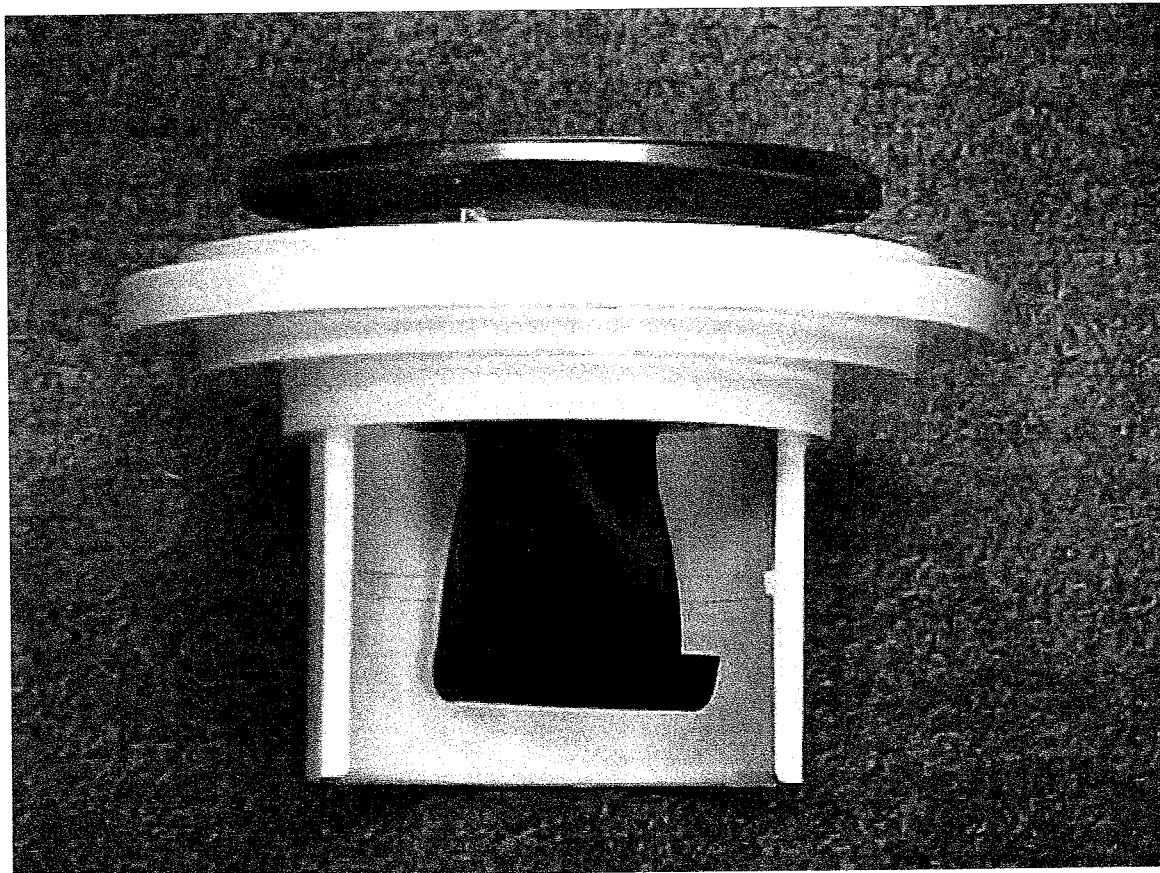


PHOTO 1 - PLAN VIEW OF MODEL "TRAP GUARD" FLOOR DRAIN SYSTEM



**PHOTO 2 - ELEVATION VIEW OF CUT-AWAY FLOOR DRAIN SYSTEM SHOWING
MODEL "TRAP GUARD" ELASTOMERIC MATERIAL**

