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**RESEARCH REPORT NO.
94-11**
**BOCA
EVALUATION
SERVICES, INC.**

 A Participating Member of the NES, Inc. 
DIVISION 15 - MECHANICAL**SECTION 15430 - PLUMBING SPECIALTIES****HYGOLET®****HYGOLET®**
**349 S.E. 2nd AVENUE
DEERFIELD BEACH, FL 33441**
1.0 DESCRIPTION OF EVALUATION

The Hygolet® has been evaluated for use as an alternative to an open face water closet seat.

2.0 DESCRIPTION AND USE OF PRODUCT

The Hygolet® is a water closet seat that is covered with Hygoplast® which is a very thin, hygienic and hypoallergenic safety film. The film encloses the seat and automatically advances and completely replaces the exposed film at the push of a button.

Each roll of Hygoplast® film provides approximately 100 new seat coverings. A 6 volt battery operated motor advances the film from one end of the water closet seat to the other. The film is cut before disposal, making it impossible to reuse the film.

The Hygolet® is intended to be used in place of an open front type water closet seat and is available in models to fit standard and elongated water closets. The mounting of the Hygolet® is similar in nature to a standard water closet seat.

3.0 CODE ANALYSIS OF SUBMITTED INFORMATION

The following data were submitted by the proponent for demonstration of compliance with the respective code sections listed above each item of information. The basis is the the 1995 *International Plumbing Code* and the *BOCA National Plumbing Code/1993*.

3.1 WATER CLOSET SEATS

Code Sections 421.3 of the 1995 *International Plumbing Code*, and

Code Section P-1221.3 of the *BOCA National Plumbing Code/1993 Water closets seats*: These sections require water closets seats installed on water closets provided for public or employee toilet facilities to be of the open-front type.

Code Section 105.2 of the 1995 *International Plumbing Code*, and

Code Section P-107.4 of the *BOCA National Plumbing Code/1993 Alternative materials and equipment*: These sections permit the use of equipment not specifically prescribed by this code, provided that such an alternative complies with the intent of this code and is at least the equivalent in quality, strength, effectiveness, durability and safety.

INFORMATION SUBMITTED:

Report of tests on the Hygolet®, Report Number H2008/79, dated May 21, 1979; prepared by Lucerne Cantonal Hospital Institute for Microbiological Hygiene, Lucerne, Switzerland, was submitted. A mixture of germs were sprayed on the

Please contact BOCA Evaluation Services, Inc., with any questions you may have regarding this report. Additionally, please contact us if you have any information on the performance of the product described herein which is contrary to this report. This report is subject to the limitations listed herein and to the specific product, data and test reports submitted by the applicant requesting this report. Independent tests were not performed by BOCA Evaluation Services, Inc., and BOCA Evaluation Services, Inc., specifically does not make any warranty, either expressed or implied, as to any findings or other matter in this report or as to any product covered by this report. Evaluation reports are not to be construed as representing aesthetics or any other attributes not specifically addressed nor as an endorsement or recommendation for the use of the subject of the report. This disclaimer includes, but is not limited to, merchantability.

seat. After advancing the plastic film on the Hygolet®, bacteriological tests were performed on the surface of the water closet seat. The artificially introduced germs were not found on the film. The results of testing determined that the Hygolet® provides a clean and sanitary surface for each user.

4.0 INSTRUCTIONS TO THE CODE OFFICIAL

The Hygolet® has been evaluated for compliance with the **Limitations**

- 4.1 This report is subject to annual certification. Reports that are not certified shall not be used or referred to. In order to determine the status of certification of this report, see the current BOCA Evaluation Services, Inc., *National Product Evaluation Quarterly*.
- 4.2 The battery shall be periodically tested and inspected, and replaced where necessary.
- 4.3 The Hygoplast® roll of film shall be replaced where necessary.

1995 edition of the *International Plumbing Code* and the 1993 edition of the *BOCA National Plumbing Code*. This report is limited to the application and products as stated herein. This evaluation is based solely upon information provided to the BOCA Evaluation Services, Inc., by Hygolet® and has not been independently verified. BOCA-ES intends that the report be used by the code official to determine that Hygolet® complies with those code requirements which are specifically addressed in Section 3.0 of this report, provided that this product is installed in accordance with the following limitations:

5.0 IDENTIFICATION

All Hygolet® water closet seats manufactured in accordance with this research report shall be marked at the plant with the identifying language, "See BOCA Evaluation Services, Inc., Research Report No. 94-11."

Reference to this research report is limited to the identification as described herein.