



# Product Evaluation Report

PER-20128

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## This Document Published By:

*Progressive Engineering Inc.*

Initial Listing  
August, 2020

Re-Approved

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### Listed Products

Fiberglass Shower Receptors & Shower Stall

### Listed For

**Coach House, Inc.**  
3480 Technology Drive  
Nokomis, FL 34275

### Approved Manufacturer

**Coach House, Inc.**

*Progressive Engineering Inc.* is an accredited Testing Laboratory and Third Party Quality Control Agency. This **Product Evaluation Report** represents a product that *Pei* has a follow-up service agreement with. This **Product Evaluation Report** in no way implies warranty for this product or relieves **Coach House Inc** of their liabilities for this product. *Pei* is accredited to ISO Standard 17020 and 17025. This **PER** is an official document if it is within one year of the initial or renewal date.

### Listing Scope

The Coach House Inc Fiberglass Shower Receptors and shower stall are manufactured by **Coach House Inc** to be installed exclusively in Coach House Inc Recreational Vehicles (RV). Coach House manufacturers five models of various shapes and sizes. Shower walls used with Coach House Inc Receptors are outside of the scope of this PER and shall conform to the requirements of NFPA 1192.

### Approved Models

#### **Model #1-VAN**

This model is 23-7/8" x 31" in size with a pan depth of approximately 3-1/4". The pan floor is molded using three layers of fiberglass encapsulating two tapered layers of polyisocyanurate foam. The threshold is reinforced with 1/2" thick plywood. The pan has wall attachment flanges on three sides.

#### **Model #1-23**

This model is 22" x 25" in size with a pan depth of approximately 4-3/8". The pan floor is molded using three layers of fiberglass encapsulating two tapered layers of polyisocyanurate foam. The threshold is reinforced with 1/2" plywood. The pan has wall attachment flanges on three sides.

#### **Model #1-25**

This model is 24" x 29-5/8" in size with a pan depth of approximately 4-3/8". The pan floor is molded using three layers of fiberglass encapsulating two tapered layers of polyisocyanurate foam. The threshold is reinforced with 1/2" plywood. The pan has wall attachment flanges on three sides.

#### **Model #1-28**

This model is 26-1/2" x 24-5/8" in size with a pan depth of approximately 4". The pan floor is molded using three layers of fiberglass encapsulating two tapered layers of polyisocyanurate foam. The threshold is reinforced with 1/2" plywood. The pan has wall attachment flanges on three sides.

#### **Model #CH-F-2805**

This model is 32-3/4" x 29-1/8" in size with a pan depth of approximate 3-1/2". This model is a two piece enclosed shower stall including an integral ceiling and is constructed entirely of smooth, noncorrosive and nonabsorbent materials. The top piece is riveted to the bottom piece. The floor pan is molded with two layers of fiberglass encapsulating two pieces of 1/2" plywood. Plywood is used throughout the assembly for reinforcement.

### General Construction

All models are hand laid molded fiberglass. The exposed layer is a gel coat followed by three polyester resin and chopped strand fiberglass layers. Plywood or polyisocyanurate foam is used in the floor area for slope and reinforcement. 1/2" plywood is used for threshold reinforcement. All Receptor sides that connect to a wall shall extend 1" minimum above the finished dam or threshold and have a depth of 2" to 9", measured from the top of the finished dam or threshold to the top of the drain.

### General Product Usage

The shower receptors shall be installed in accordance with the manufacturer's Installation Instructions. The receptors shall set on a flat level floor with continuous support.. A copy of the manufacturer's Installation Instructions shall be made easily available to the installer.

### Code Compliance

The Coach House Inc. shower bases and stall have been tested and meet the requirements of CSA B45.5-17 / IAPMO Z124-2017 for shower receptors and stalls.

Meets the requirements of NFPA 1192-2018, 7.2.4 Shower Stalls

**Product Labeling**

Shower pans and surrounds that are covered by this **PER** must be labeled with at least the following information:

1. The Model Number
2. Manufacturing Date Code
3. Manufacturer's name or Logo
4. This **PER** number & *Pei*'s name or Logo
5. Tested to: CSA B45.5-17 / IAPMO Z124-2017

**Quality Assurance Documentation**

A Quality Control Manual for Fiberglass Shower Base manufacturing - **Dated: November 20, 2006**

A Listing & Follow-up Service agreement between *Pei* and **Coach House Inc.**

Installation Instructions dated 8/21/2020

**TEST DOCUMENTATION**

*Pei* test report No. 2018-6397 (A) -Shower Base Testing

*Pei* test report No. 2018-6397 (B) -Shower Base Testing

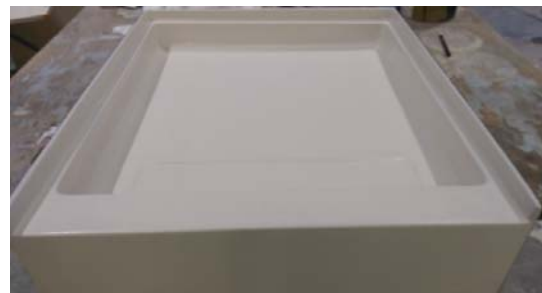
*Pei* test report No. 2018-6397 (C) -Shower Base Testing

*Pei* test report No. 2018-6397 (D) -FMVSS 302 Flammability Test

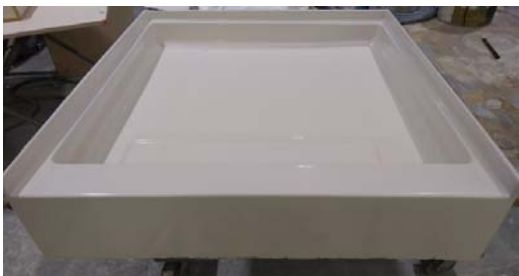
CSA Group - Report # 1700287



**Model #1-VAN**



**Model #1-23**



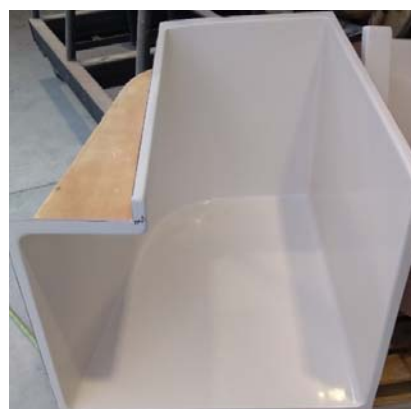
**Model #1-25**



**Model #1-28**



**Model # CHF- 2805 Bottom piece**



**Model # CHF- 2805 Top piece**