TEST REPORT:

Load Testing of One (1) Style Elcoma Metal Fabricating Model #60/#61 Series Folding shower seat (with legs)

REPORT TO:

Elcoma Metal Fabricating
521 Lawrence Rd. N.E.
Canton, OH 44704

ATTENTION:

Mr. Charles Robertson

Report Prepared By:

Paul Medwig
Director of Testing

Reviewed and Approved By:

Patrick J. Farabaugh
Vice President
SCOPE OF SERVICES

General

On October 26, 2012, Farabaugh Engineering and Testing Inc. (FET) received one (1) shower seat with legs, identified below; from Elcoma Metal Fabricating for the purpose of load testing. Testing was performed November 27, 2012.

Sample Identification

Elcoma Metal Fabricating, Folding Shower Seat (with legs) model No. 61-PA-3201LEG (See attached Appendix I Specification Sheet).

Test Equipment Used

Rice Lake, 0-20,000 LB. Zee Load cell, S/N #A71197
Scale Systems, Digital Readout, S/N #543982
Westward, 24” Digital Calipers, S/N #00289
Fowler, Micrometers, S/N #52-222-001
25’ Tape, S/N #FETCTP1

Test Procedure

The Shower seat was installed on a test frame (See attached photos pg.3) and anchored on both ends through 0.250” metal using three (3) ¼” X 1 ¼” stainless steel bolts (See attached photos pg.5). A 15” wide X 15” wide X ½” thick plate was then placed on the center of the seat (See attached photo pg. 5). A hydraulic jack and a load cell were then used to apply the loads, and also to monitor the loads applied (see attached photos pg.3). A load was then applied in 100 Lb. increments until 1,000 Lbs was achieved and then held for a period of ½ hour. The Load was the increased in 100 Lb increments until failure occurred.

Results

LOADS APPLIED: 1,000Lbs., Held for 30 minutes.

4,890Lbs., Right and Left front cylindrical seat support tubes started to Buckle. (See attached photos pg. 6).
TEST SET-UP
APPLIED LOAD (1,000 lbs)
ANCHORING (1/4" X 1 ¼" Stainless steel bolts)
FAILURE POINT (4,890 Lbs.)
Appendix I
Specification Sheet
Folding Shower Seats
with Padded Surface
Architectural, Commercial, Institutional, Residential

Custom sizes are available to suit special requirements.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>26&quot; X 21&quot; (660 X 530 mm) seat</td>
<td>White</td>
<td>Model # 60-PA2601LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>26&quot; X 21&quot; (660 X 530 mm) seat</td>
<td>Almond</td>
<td>Model # 60-PA2602LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>28&quot; X 21&quot; (710 X 530 mm) seat</td>
<td>White</td>
<td>Model # 60-PA2801LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>28&quot; X 21&quot; (710 X 530 mm) seat</td>
<td>Almond</td>
<td>Model # 60-PA2802LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>30&quot; X 21&quot; (760 X 530 mm) seat</td>
<td>White</td>
<td>Model # 60-PA3001LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>30&quot; X 21&quot; (760 X 530 mm) seat</td>
<td>Almond</td>
<td>Model # 60-PA3002LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>32&quot; X 21&quot; (810 X 530 mm) seat</td>
<td>White</td>
<td>Model # 60-PA3201LEG</td>
<td>(As Shown)</td>
</tr>
<tr>
<td>32&quot; X 21&quot; (810 X 530 mm) seat</td>
<td>Almond</td>
<td>Model # 60-PA3202LEG</td>
<td>(As Shown)</td>
</tr>
</tbody>
</table>

For opposite orientation substitute Model # 60 with Model # 61
For rectangle seat substitute Model # 60 with Model # 62
For junior seat substitute Model # 60 with Model # 63

Elcoma Adult Shower Seats have been designed and tested to withstand
400lbs. (182kg) * of load capacity when properly installed. This exceeds HUD, FHA, VA, ADA, ANSI and other federal, provincial, and local codes. * The Junior Folding Shower Seat has been designed and tested to withstand 250lbs (114kg).

Specification questions? Contact ELCOMA @ Ph: 800-382-6626 Fax: 800-625-5560 Email: orderdesk@elcoma.com www.elcoma.com