**NOTE:** DIMENSIONS SHOWN ARE FOR REFERENCE ONLY! MEASURE ACTUAL SHOWER FLOOR BEFORE BEGINNING "ROUGH-IN"

*Indicates model made with Durastone™ and PN-42.317A • DRAIN ASSEMBLY

### SQUARE - RECTANGULAR MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>NOM SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3243M</td>
<td>(812.8) x (1219.2)</td>
<td>24&quot;</td>
<td>30&quot;</td>
<td>30&quot;</td>
<td>10&quot;</td>
</tr>
<tr>
<td>3243D</td>
<td>(812.8) x (1219.2)</td>
<td>24&quot;</td>
<td>30&quot;</td>
<td>30&quot;</td>
<td>10&quot;</td>
</tr>
</tbody>
</table>

### DOUBLE THRESHOLD - CORNER MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>NOM SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3236SL</td>
<td>(812.8) x (1219.2)</td>
<td>48&quot;</td>
<td>54&quot;</td>
<td>54&quot;</td>
<td>16&quot;</td>
</tr>
</tbody>
</table>

### NEO-ANGLE THRESHOLD - CORNER MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>NOM SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3263CM</td>
<td>(914.4) (1066.8)</td>
<td>36&quot;</td>
<td>42&quot;</td>
<td>42&quot;</td>
<td>15&quot;</td>
</tr>
</tbody>
</table>

**NOTE:** Dimensions in Parenthesis ( ) are metric equivalents in millimeters (mm)

**IMPORTANT NOTES:**

- We suggest that shower compartments be equipped with support handrails that comply with ANSI-117.1-1986 Consumer Safety requirements
- **DO NOT USE WITH "FREE STANDING SHOWER CABINETS, FOR "BUILT-IN" INSTALLATION ONLY**
- **SHOWER FLOORS ARE NOT TO BE INSTALLED IN FRONT OF DRYWALL!**
- Thoroughly read and understand instructions before beginning installation of your MUSTEE Shower Floor

**Slip resistant STARBURST® floor pattern**

**Slip resistant STARBURST® floor pattern**

**Slip resistant STARBURST® floor pattern**

---

**WARNock Hersey® Listed—CSA Test Standards:**

- Shower Floor — #B45.0 and #B45.5

---

**FILE NUMBERS:**

- #1453 • Shower floor
- #1251 • Strainer
- #1635 • Drain Assembly

---

**Quality Plumbing Products**

**E.L. MUSTEE & SONS, INC.**

5431 West 164th Street • Brook Park, Ohio 44142

Email: info@mustee.com

Web: www.mustee.com

**SI-190 (#07)**

---

**SI-190 (8#07)**
NOTE: Dimensions shown are for reference only! Measure actual shower floor before beginning "ROUGH-IN".

*Indicates model made with Durastone™ and PN-42.317A • DRAIN ASSEMBLY

## SQUARE - RECTANGULAR MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>NOM SIZE</th>
<th>A (32.8)</th>
<th>B (92.1)</th>
<th>C (76.2)</th>
<th>D (76.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3248MD*</td>
<td>32&quot; x 32&quot;</td>
<td>92.1</td>
<td>92.1</td>
<td>92.1</td>
<td>92.1</td>
</tr>
<tr>
<td>3248SM*</td>
<td>32&quot; x 32&quot;</td>
<td>92.1</td>
<td>92.1</td>
<td>92.1</td>
<td>92.1</td>
</tr>
<tr>
<td>3636MD*</td>
<td>36&quot; x 36&quot;</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
</tr>
<tr>
<td>3636SM*</td>
<td>36&quot; x 36&quot;</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
</tr>
</tbody>
</table>

NOTE: Dimensions in Parenthesis ( ) are metric equivalents in millimeters (mm)

## DOUBLE THRESHOLD - CORNER MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>NOM SIZE</th>
<th>A (106.7)</th>
<th>B (106.7)</th>
<th>C (106.7)</th>
<th>D (106.7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3642DTM</td>
<td>36&quot; x 36&quot;</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
</tr>
<tr>
<td>3644DTM</td>
<td>36&quot; x 36&quot;</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
</tr>
</tbody>
</table>

## NEO-ANGLE THRESHOLD - CORNER MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>NOM SIZE</th>
<th>A (304.8)</th>
<th>B (304.8)</th>
<th>C (304.8)</th>
<th>D (304.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4242DTM</td>
<td>42&quot; x 42&quot;</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
<td>91.4</td>
</tr>
</tbody>
</table>

NOTE: Dimensions in Parenthesis ( ) are metric equivalents in millimeters (mm)
ROUGH-IN PREPARATION

IMPORTANT: “ROUGH-IN” dimensions are provided for reference only! Measure actual Shower Floor and check local building code requirements before constructing alcove.

NOTE: If using MUSTEE 700 Series Fiberglass Showerwalls, review instructions provided with wall unit before framing alcove. (See detail shown below for typical installation.)

1. Refer to “ROUGH-IN” dimensions and determine location of Shower Floor.
2. Next, prepare SUB-FLOOR in Shower Floor area as follows:

Wood/Joist Floor:
Sub-floor must be min. 3/4” construction grade sheathing (CDX). Make sure sub-floor is securely fastened to floor joists throughout alcove area with either “Drywall”/Bugle Head screws (2-1/2” min.) or nails (rec. 8d Spiral Flooring Nails). Make sure any “creaking or squeaks” have been eliminated by walking around alcove area before proceeding.

Concrete/Cement Slab Floor:
Prepare surface in alcove area so that floor is level and sound.

3. Provide a 5” (inch) square opening in sub-floor or slab to accommodate Shower Floor drain body. (Slab installation requires opening to be min. 2-1/4” deep). NOTE: If using a hole saw to cut floor opening, you MUST use a 4-1/2” diameter (minimum) hole saw. Opening to be centered about drain centerlines as specified in “ROUGH-IN” dimensions. Drain connection requires 2” (inch) DWV pipe. Top of drain pipe must be even with top of sub-floor or slab.

4. Finally, we recommend that Shower Floor be installed on a bed of 30 lb. roofing felt or equivalent to compensate for any inconsistencies in sub-floor or slab. (Gypsum cement or panel/ floor adhesive could also be used for this purpose.)

SHOWER FLOOR INSTALLATION

5. Check Shower Floor carefully making sure it is not damaged.
6. Set Shower Floor into place. Level Shower Floor in both directions. NOTE: Place level along top edge of tile flanges - do not use floor area which is tapered for water drainage!

7. Shower w/Integral Drain Body
Apply a lubricant of some type (liquid soap works well) to the inside and outside of the Drain Seal† prior to installation. Place Drain Seal over pipe and tamp into place using a hammer and - 1/4” (inch) dia. blunt rod or dowel. (Hint: 1/4” dia. bolt approx. 6” long works well as a tamping tool.) Make sure top of Drain Seal is even with top of 2” (inch) waste pipe and in full compliance with local code requirements pertaining to below floor waste connectors. (see Sectional View)

8. Snap Strainer‡ into place.

NOTE: Place level along top edge of tile flanges - do not use floor area which is tapered for water drainage!

CAUTION: DO NOT USE ANY PUTTY OR THREAD SEALING COMPOUND UNDER FLANGE OR ON THREADS OF DRAIN BODY - FAILURE AND LEAKAGE MAY RESULT!!! DO NOT OVERTIGHTEN LOCKNUT - HAND TIGHTEN, THEN WRENCH ADDITIONAL 3/4 TURN - MAXIMUM.

MUSTEE ‘700’ SERIES FIBERGLASS SHOWERWALL INSTALLATION DETAIL

“SOLID SURFACE” WALL PANELS – IT IS RECOMMENDED THAT THE UNDERSIDE OF THE TILE FLANGES BE REINFORCED AS SHOWN IN SKETCH.

SECTIONAL VIEW

DRAIN DETAIL PN.42.317A

† AN OPTIONAL DRAIN SEAL:
PN. 42.320, IS AVAILABLE FOR 2” COPPER (DWV)
PN. 42.321, IS AVAILABLE FOR 2” SOIL PIPE (SW)
SANITARY DRAIN/WASTE CONNECTIONS
FOR REPLACEMENT DRAIN ASSEMBLY - COMPLETE ORDER PN. 42.317A

CAUTION:
DO NOT USE ANY PUTTY OR THREAD SEALING COMPOUND UNDER FLANGE OR ON THREADS OF DRAIN BODY
-Failure and leakage may result!
Do not overtighten Locknut - Hand Tighten, then wrench additional 3/4 turn - Maximum.
**ROUGH-IN PREPARATION**

**IMPORTANT:** “ROUGH-IN” dimensions are provided for reference only! Measure actual Shower Floor and check local building code requirements before constructing alcove.

**NOTE:** If using MUSTEE 700 Series Fiberglass Showerwalls, review instructions provided with wall unit before framing alcove. (See detail shown below for typical installation.)

1. Refer to “ROUGH-IN” dimensions and determine location of Shower Floor.
2. Next, prepare SUB-FLOOR in Shower Floor area as follows:

   **Wood/Joist Floor:**
   Sub-floor must be min. 3/4” construction grade sheathing (CDX). Make sure sub-floor is securely fastened to floor joists throughout alcove area with either “Drywall”/Bugle Head screws (2-1/2” min.) or nails (rec. 8d Spiral Flooring Nails). Make sure any “creaking or squeaks” have been eliminated by walking around alcove area before proceeding.

   **Concrete/Cement Slab Floor:**
   Prepare surface in alcove area so that floor is level and sound.

3. Provide a 5” (inch) square opening in sub-floor or slab to accommodate Shower Floor drain body. (Slab installation requires opening to be min. 2-1/4” deep). **NOTE:** If using a hole saw to cut floor opening, you MUST use a 4-1/2” diameter (minimum) hole saw. Opening to be centered about drain centerlines as specified in “ROUGH-IN” dimensions. Drain connection requires 2” (inch) DWV pipe. Top of drain pipe must be even with top of sub-floor or slab.

4. Finally, we recommend that Shower Floor be installed on a bed of 30 lb. roofing felt or equivalent to compensate for any inconsistencies in sub-floor or slab. (Gypsum cement or panel/ floor adhesive could also be used for this purpose.)

**SHOWER FLOOR INSTALLATION**

5. Check Shower Floor carefully making sure it is not damaged.

6. Set Shower Floor into place. Level Shower Floor in both directions. **NOTE:** Place level along top edge of tile flanges - do not use floor area which is tapered for water drainage!

7. **Shower w/Integral Drain Body**
   Apply a lubricant of some type (liquid soap works well) to the inside and outside of the Drain Seal† prior to installation. Place Drain Seal over pipe and tamp into place using a hammer and - 1/4” (inch) dia. blunt rod or dowel. (Hint: 1/4” dia. bolt approx. 6” long works well as a tamping tool.) Make sure top of Drain Seal is even with top of 2” (inch) waste pipe and in full compliance with local code requirements pertaining to below floor waste connectors. (see Sectional View)

8. Snap Strainer‡ into place.

   **SECTIONAL VIEW**

   **DRAIN DETAIL PN.42.317A**

   **(†) Optional DRAIN SEALS** are available:
   PN.- 32.403 - 2” SOIL PIPE/CAST IRON-SERVICE WT. (NO HUB)
   SANITARY DRAIN/WASTE CONNECTIONS
   PN.- 32.404 - 2” COPPER-DWV, TYPE K,L or M
   PN.- 34.305 - POLISHED BRASS
   PN.- 34.301 - POLISHED STAINLESS STEEL
   PN.- 42.323 - MOLDED (‘BONE’)
   PN.- 42.324 - MOLDED (‘BISCUIT’)

   **(‡) Optional STRAINERS** are available:
   PN.- 42.320, IS AVAILABLE FOR 2” COPPER (DWV)
   PN.- 42.321, IS AVAILABLE FOR 2” SOIL PIPE (SW)
   SANITARY DRAIN/WASTE CONNECTIONS

   **FOR REPLACEMENT DRAIN ASSEMBLY - COMPLETE ORDER PN. 42.317A**

   **CAUTION:**
   DO NOT USE ANY PUTTY OR THREAD SEALING COMPOUND UNDER FLANGE OR ON THREADS OF DRAIN BODY
   FAILURE AND LEAKAGE MAY RESULT
   DO NOT OVERTIGHTEN LOCKNUT - HAND TIGHTEN, THEN WRENCH ADDITIONAL 3/4 TURN - MAXIMUM.

   **“SOLID SURFACE” WALL PANELS** – It is recommended that the underside of the tile flanges be reinforced as shown in sketch.