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MODEL №: 8203-M-NZ

ISSUED: 04/03

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PHENOLIC FOLD-UP SHOWER SEAT (PG 2 OF 2)

**STRENGTH**

ASI Shower Seats are designed to meet and exceed ADAAG requirements as published in ICC/ANSI A117.1-2003 section 610 and CFR 28 Part 36, Federal Register Vol. 56, N<sup>o</sup> 144 July 26, 1991, section 4.21.3 and section 4.26.3 that fabricated product shall be of adequate strength to support a load of 250 pounds (113.4 kg) and unit shall conform to size and edge clearances as diagrammed. Mounting to the wall is a critical part of the system to meet this requirement. To withstand the shear, tension or pullout, and torsion loads generated by the maximum loading, the fastener system must be adequately sized. Unit will carry a load of 500 lbs if properly installed. The supporting wall must be adequately reinforced to carry the rated load for the products lifetime.

**MATERIALS**

**Tube:** 18 gauge (.048 in. <1.22mm> thick) type 304 stainless steel, 1" diameter (Ø25) and 1-1/4" (32) square. Unitized all welded construction. Exposed surfaces are satin finish. Edges and corners are radiused and burr free.

**Flange:** 3/16" (4.8) type 304, stainless steel. Exposed surfaces have satin finish. Edges and corners are radiused and burr free.

**Bracket:** 16 gauge (.06 in. <1.52> thick) type 304, stainless steel. Exposed surfaces are satin finish. Edges and corners are radiused and burr free.

**Seat:** Solid Phenolic 5/16" x 16-11/32" x 32-1/2" (8 x 415 x 826). Exposed surfaces have semi-gloss laminate ivory colored top and bottom surfaces and shall have black edges. Corners are radiused and burr free. Seat top shall have six (6) slots 1/2" wide x 5-1/2" long (13 x 140) for water drainage and user slip resistance. Mounting hardware is stainless steel dome head carriage bolts with acorn nuts on bottom.

**Spring:** Stainless steel, wire type 304 OD 27/32" (Ø21,6) coils x 2-1/4" body length (57,2) x .085" (Ø2,2) wire diameter.

**OPERATION**

Fold-up Shower Seat requires only one hand operation to manually lower to horizontal position for use or raise for departure and arrival. Guide bracket with spring detent prevents seat from dropping and provides positive support in usage position as well as spring locked storage position.