



Omaha Standard "Backmate" Specification Sheet

06/06

I. LENGTH

- a. 24" -- "I" Model
- b. 48" -- "L" Model

II. HEIGHT

- a. 55"

III. DEPTH

- a. 82"

IV. COMPARTMENT CONSTRUCTION

- a. 14 ga. galvanized steel "wrapper" (1) piece
- b. 14 ga. galvanized steel end panels and top insert
- c. Full length rub rail section and drip mold

V. DOOR CONSTRUCTION

- a. Double panel construction of 20 ga. A40 two-sided galvanized steel with an interior steel "C" channel stiffener bonded to panels with structural adhesive to eliminate welds. Double panels are bonded together with structural adhesive to eliminate welds on doors.
- b. Latch - all stainless steel rotary paddle latch; two-stage safety catch; tamper proof cylinder lock; fully weather proof sealed stainless steel housing; bolted to inside of door for ease of replacement.
- c. Striker pin - stainless steel pin, adjustable and located inside the primary seal. Mounted on 10ga. adjustable slotted bracket.
- d. Hinge - full length all stainless steel hinge with concealed hinge leaves and 1/4" stainless steel rod. Bolted to door frame for security and for ease of replacement.
- e. Door seal - full perimeter automotive neoprene bulb seal with 3M adhesive backing. Seal has continuous contact with door.
- f. Horizontal door holders - heavy duty cable.
- g. Vertical door holder - spring loaded two-way adjustable door stay.

VI. PAINT

Pre-Paint Preparation and Primer – Electrocoat Process.

*All product goes through a multi-stage immersion cleaning and rinsing process to thoroughly clean all surfaces.



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*The product is then immersed in a chemical bath to prep the steel for optimum zinc phosphate adhesion prior to immersion in the zinc phosphate tank.

*The zinc phosphate stage then puts a base zinc crystalline structure on the steel for superior paint adhesion.

*A subsequent sealer rinse tank seals the pretreated surface to optimize corrosion resistance.

*Two reverse osmosis rinse tanks insure the product is free from mineral deposits prior to painting.

*The product is then immersed in an epoxy electro-deposition tank where gray epoxy prime paint is charged onto the product.

*After two final permeate rinse tanks remove any excess epoxy material and insure a consistent surface finish, the product is oven cured at 350 degrees for 40 minutes to fully crosslink and cure the electrocoat primer providing an extremely durable and rust resistant finish.