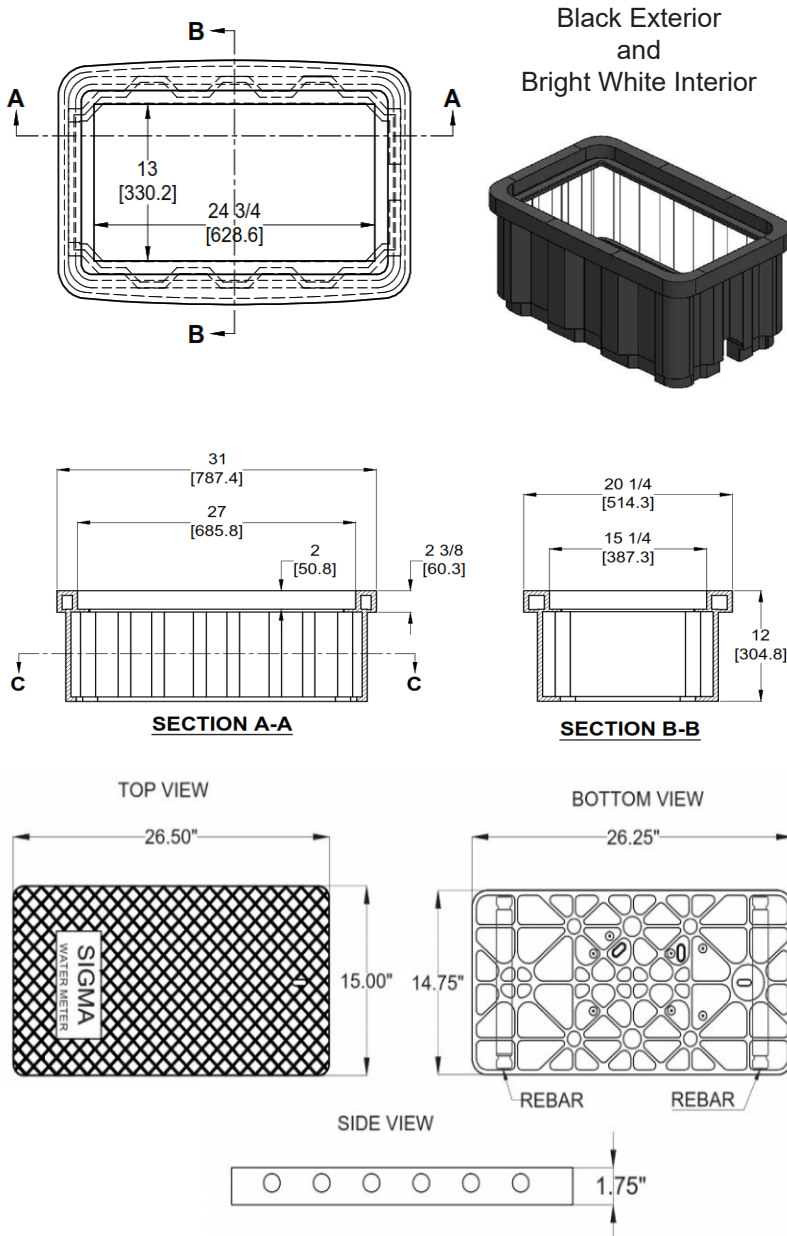


RMB152712-NSW Specifications with N1527BLKWAT Lid



Manufacture Process:

RMB15212-NSW Sigma Non-Stacking Straight Wall Meter Boxes are produced using Polyethylene regrind and virgin resins in a series of LAMINATED WALLS with white interior. The outer wall is LAMINATED to the interior wall providing greater side load-bearing capacity. When the two walls are laminated together the Molecular Structure (fibers) from each wall are crossed, creating a dual layer of much greater strength and wall thickness. Wall thickness shall be 1/2" and such that when buried, it will support an incidental traffic load with an appropriate traffic rated lid. The box will have two pre-formed pipe entry areas, located at the center of each end (short side) of the box.

Interior: Interior shall be smooth and made of bright White polyethylene.

Settling: Straight Wall Meter Box shall have an integral flat a settling plate around the base.

N1527BLKWAT LID: Sigma Lid is manufactured with 100% virgin no-break polymer for consistency in material and quality; virgin material enables UV inhibitors to be added, supports RF-transparency. The density of the materials is 0.935 to 0.941 g/cc. Made using injection molding method for uniform construction integrity. Meets ADA slip resistant requirements: coefficient of static friction @ 0.73 (dry) and not less than 0.50 (wet).

Load Testing:

Vertical Load Test: Vertical load is distributed over a 229mm (9 inch) x 229mm (9inch) area. The load is to be applied with a 229mm (9 inch) x 229mm (9inch) x 25mm (1 inch) thick steel load plate backed with a 13mm (1/2 inch) thick rubber shim.

Vertical crush will exceed 12,000 pounds.