

Anti-microbial Mattresses

Applies to: 919-05210

919-05220

919-05230

Finished Size

36" x 80" +/- 1/2"

Innerspring Unit

Innerspring unit shall consist of not less than 208 COILS (8 X 26) knotted construction, hourglass shaped, of not less than 13 gauge tempered high carbon steel wire and height of 5" +/- 1/4". There shall not be less than three active turns per coil including only portions between the knots. Transverse rows of coils shall be connected by Bonnell wires, running at right angles to the long axis of the unit, of not less than 17 1/2 gauge severe clinching and crimping quality carbon spring wire. There shall be a border wire of not less than 6 gauge high carbon steel around the entire perimeter of the top and bottom surfaces of the unit, attached to each outside coil with high carbon spring wire helical of not less than 17 1/2 gauge.

Flex - O - Lators

There shall be attached to the approximate 1/3rd center portion on each side of the innerspring unit a wire and rope insulator (Flex - O - Lator or equal)

Insulators

The entire area of the top and bottom surfaces shall be covered with a heavy duty polyester insulator pad (2.5 oz. per square foot). This pad (Fibrelast II) is a latex/resin treated, totally impregnated pad of shredded textile fibers needle punched through a polypropylene mesh interliner.

Filling 36" x 80" (Standard)

The top and bottom surfaces each shall have distributed equally over them not less than six (6) pounds per side of boric acid treated (12 1/2% minimum total weight) cotton batting felt, which shall be wrapped around the border wire. The mattress shall contain a total of 12 pounds boric acid treated cotton batting felt not including the corners, which is to be an amount adequate to support the border ticking and is in addition to the 12 pounds applied to the mattress surfaces.

Flange

Flange material of not less than 5 1/2" width and adequate to properly secure mattress panels to the innerspring unit by hogringing every other coil around the entire mattress perimeter of both surfaces.

Border

There shall be a prebuilt, one piece border vertically stitched, at maximum intervals of 2" to cellular polyethylene not less than 5" wide and 5/32" thick.

Ticking

The ticking shall be heavy duty anti-bacterial, flame retardant, stain and odor resistant green vinyl not less than 10.5 ounces per square yard. Each top and border panel shall be of one piece (no seams), and shall be double stitched to the prebuilt border with not less than 7/8" wide flame resistant binding tape.

Machine Stitching

Machine stitching shall be done with synthetic fiber thread at a rate of not less than 8 stitches to the inch.

Standards

Construction shall conform with the best practices of the trade, and each mattress shall comply with DOC FF - 4 -72 Federal Government Standards as well as with the city of Boston Fire Standard in accordance with the regulatory notice of February 7, 1983 to the colleges and universities maintaining dormitories in Boston, Massachusetts.