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## Product Specifications for the Derby Seat Cushion

The Derby Seat Cushion is produced by special manufacturing techniques. The 100% sealed seam process provides maximum fluid resistance as well as minimum risk exposure. It comes with a fluid-resistant breathable vent.

### Materials: (Must Include)

- 1) Dimensional Stability (Warranty against cracking)
- 2) Flame Retardant
- 3) Odor-Resistant
- 4) Antimicrobial properties built in to protect the product
- 5) Virus Barrier
- 6) Moisture Vapor Permeable
- 7) Washable – See Our Cleaning Instructions
- 8) Abrasion Resistant
- 9) Cover is hypoallergenic – latex free

### Construction: (Must Include)

- 1) 100% Sealed Seams (Absolutely No Stitching)
- 2) Breathable Vent (Must resist water, oil, urine, blood, head lice, bed bugs)
- 3) Seam Strength average breaking force 116 lbf
- 4) Core must be 100% densified polyester, Indura Performance Fiber™ minimum of 10 oz/sq. ft. density
- 5) Core contains no hazardous chemical byproducts- 100% recyclable “green”
- 6) Core is hypoallergenic- latex free
- 7) Thickness to be 2 inches.

### Features (Must Perform These Tests)

- 1) Flammability testing must meet and exceed the requirements of:
  - A) California Technical Bulletin 133
- 2) Life Cycle Test: Must pass rolator test of 100,000 cycles with minimum loss of density and no cover damage.
- 3) Seam Strength Testing ASTM D5034

Patent No. US 6,351,864

**Note: This information is furnished for reference purposes only. In order to manufacture to these specifications, one must obtain written permission from Derby Industries.**

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