natural fiber **prison mattress**

physical properties:

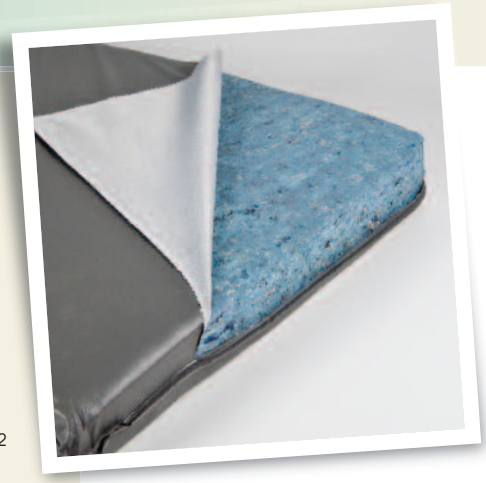
	TEST METHOD	PERFORMANCE
Compression	ASTM D3574-95 (Test D) 50% constant deflection Percent of original thickness	20% Maximum
Octagonal Roller Test	62,500 cycles	Firmness Ratio: Not to exceed 1.5 Thickness Ratio: Not to exceed 3/4"
Impact Squirm Test	50,000 drops	Firmness Ratio: Not to exceed .65 Thickness Ratio: Not to exceed 1"
Elongation	ASTM D-3574-95 (Test E)	40% Minimum
Tensile	ASTM D-3574-95 (Test E)	10 lbs/sq. in.
Tear Strength	ASTM D-3574-95 (Test E)	3 lbs/sq. in.
Fungal & Bacterial Growth	ASTM G-21 and G-22	No Growth

flammability characteristics:

	TEST METHOD	RESULTS
Vertical Burn Test	California T.B. 117	PASS
Flammability Test	California T.B. 129 California T.B. 603	PASS PASS
Consumer Product Safety Code	16 CFR 1633	PASS
Flame Resistance (NAVSEA OSL PD 4-02)	NFPA 267-98 (modified)	PASSED Section 3.5.2

bed-bug additive:

Natural Fiber Prison Mattress is treated with a natural Bed-bug additive. This additive has been tested and shown to have 100% mortality at 11 days with an LT^{50} value of 7.2 days.



Natural Fiber Prison Mattress

- **— Durable**
- **— Resists Microbial Growth**
- **— No Formaldehyde**
- **— No Harmful Irritants**
- **— No Health Warnings**
- **— No VOC Concerns**
- **— Flame Resistant**

Bonded Logic Natural Fiber Prison Mattress is made from post consumer or post industrial recycled denim that is thermally bonded for stability and support. Natural Prison Fiber Mattress offers very good durability and fire resistance.

The mattress is treated with a non-toxic solution that actively inhibits the growth of mold, mildew, bacteria and fungi. This treatment also acts as an excellent fire retardant, giving Natural Fiber Prison Mattress excellent flame resistance characteristics.

USES: Natural Fiber Prison Mattress is used primarily as institutional bedding but can also be used in traditional bedding as a topper or for quilting.

standard available sizes:

THICKNESS	WIDTH		LENGTH		WEIGHT	
	inches	mm	inches	mm	pounds	kg
4"	30	762	76	1,930	14	6.3
4"	25	635	75	1,905	12	5.4
4"	36	914	80	2,032	18.5	8.4

Additional custom sizes are available upon request