

Benefits of Seating Foundation

PATENT PENDING



Mat Platform Deck

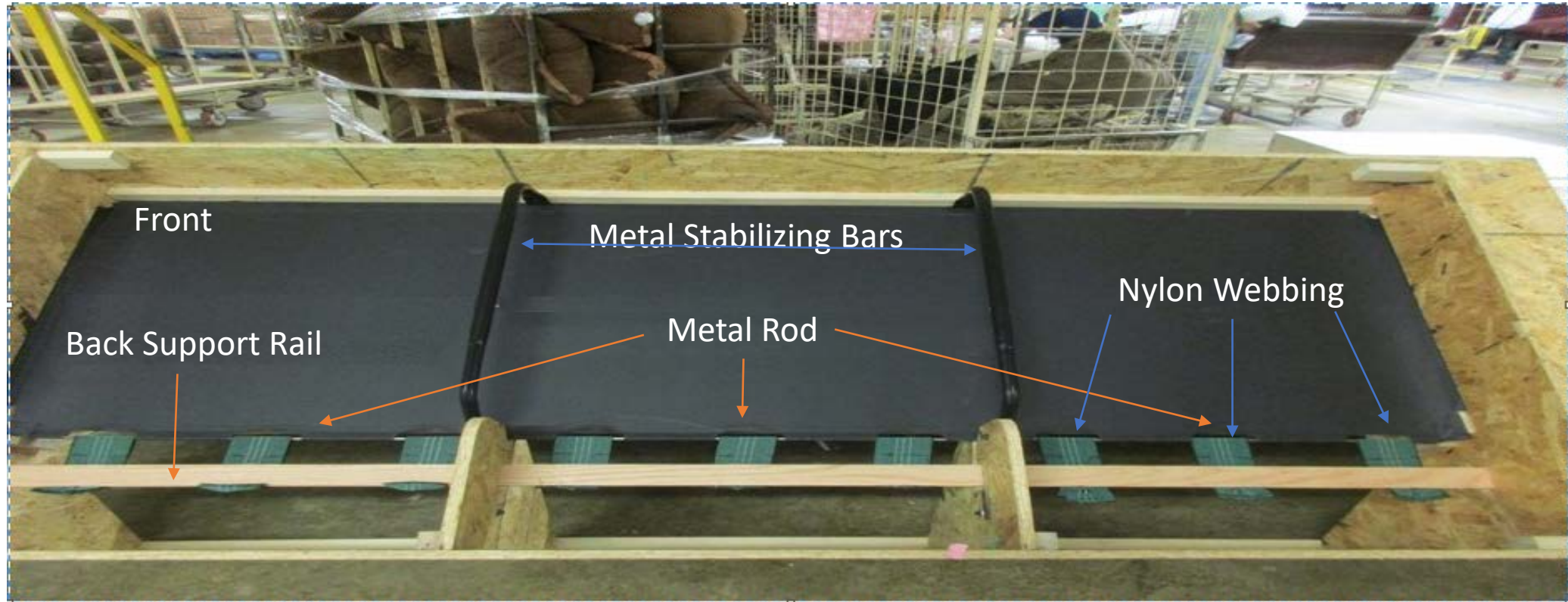
MAT PLATFORM

- Heavyweight Nylon Decking
- Attached in the Back with Pirelli webbing secured to the back rail the entire length of the decking
- Secured to front rail



Mat Platform Deck

BOTTOM VIEW



Benefits



Eliminates spring impressions into the cushion covers.

- Reversible cushions will benefit from the 100% even support versus concentrated impressions from springs.

Flatter surface reduces cushion smiling.

- The flatter surface (*versus springs arcing in the middle*) will reduce the gaps between the top of the front rail and the bottom of the cushion.

Improves durability of the seating support system.

- The decking functions great through normal use while providing extra support for abusive concentrated loads.



Benefits

Reduced deterioration of seating support system throughout furniture's lifespan.

- All materials (*ie springs*) eventually deteriorate some throughout use. This mat deteriorates much less and provides seating support at end of life similar to when brand new.

Reduces and standardizes components.

- These components allows for the assembly lines to increase productivity and consistency while maintaining or improving costs. The design also allows stronger frame systems (breast rails, uprights, seat stretchers, rear spring rails, etc.) to be packaged with this decking system.



Benefits



Improved Ergonomics and Safety for Upholsterers.

- The springing operation is currently one of the most strenuous and fatiguing operations. This platform mat greatly alleviates those stresses to the upholsterers.





**ROUTINE USE:
20,000 Cycles imitating
many years of use.**

**Improved
deflections
observed**

(the amount you sink into the seat)

**Mat Platform VS Sinuous
Spring Foundation System**

**Mat Platform's test
shows it deflected
approximately 1 inch less
than Sinuous Spring.**

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**ABUSE:
10 Drops
@200lbs on each seat**



Battery of tests for structural cover materials

The **Mat Platform** has been tested and performs very well in the following tests for fabric integrity and seam integrity:

- ✓ Tear Strength
- ✓ Abrasion
- ✓ Dynamic Seam Fatigue
- ✓ Seam Break Strength
- ✓ Seam Slippage
- ✓ Tensile Strength
- ✓ Elongation
- ✓ Colorfastness to crocking

