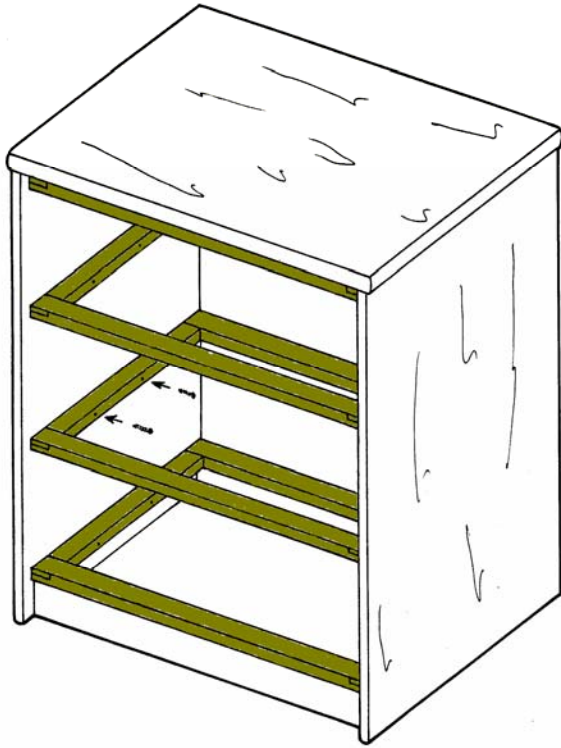


Furniture by Thurston

CONSTRUCTION DETAIL



Four-sided solid wood frames at every drawer level provide **STABILIZING RIBS** for casegoods

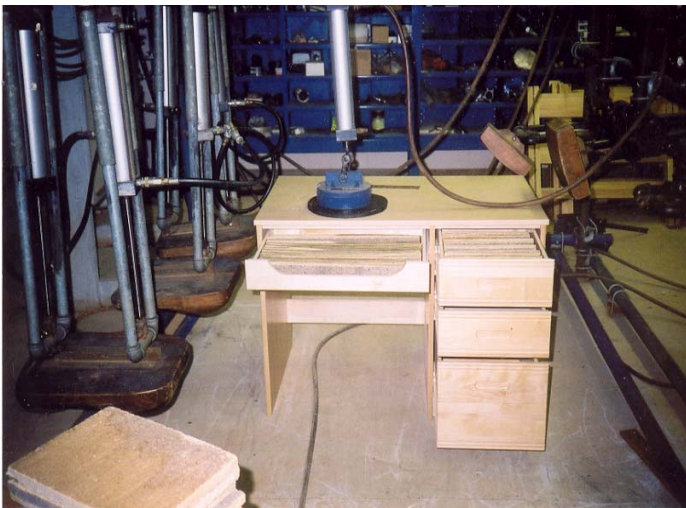
*This **DRY CONSTRUCTION** allows us to use **three times** as many screws and **twice** as much glue, and yet damaged components are **completely REPLACEABLE***

Drawers run on side-mounted heavy-duty **100 lb test load capacity** drawer tracking



Old-fashioned **finger dovetail joints** in each drawer – both **front and back!**

These joints are **time-tested** for success, having the tightest precision fit and maximum gluing surface

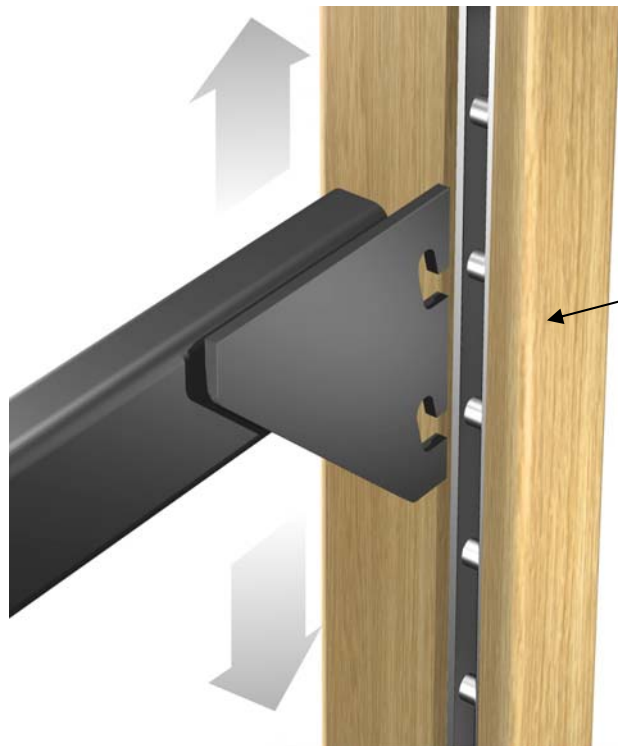


We passed **all** federal tests with **flying colors!**

We even set a new **record** on our destruction tests – highest pressure endured **EVER**

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HARDWARELESS "WEDGE-LOCK" BED MECHANISM

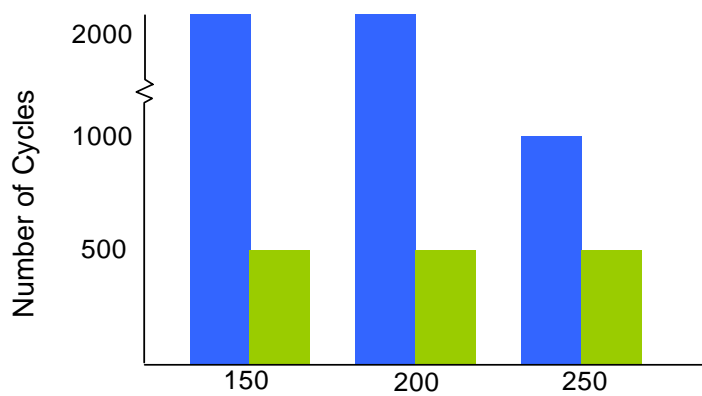


Our **MULTI-POSITION** (*i.e. you choose the bed height*) **metal channel** and **metal pins** allow the bed rail bracket to "wedgelock" – a tight fit that will last **FOREVER**

The **metal-to-metal** connection prevents the pins from pulling loose from the wood post, unlike this Hardwareless "Pin Post" style



From the Federal Testing Facility: Our wedge-lock bed mechanism took **2.7 times more hits** before destruction than the pin post style



Cyclic Pressure (lbs.)

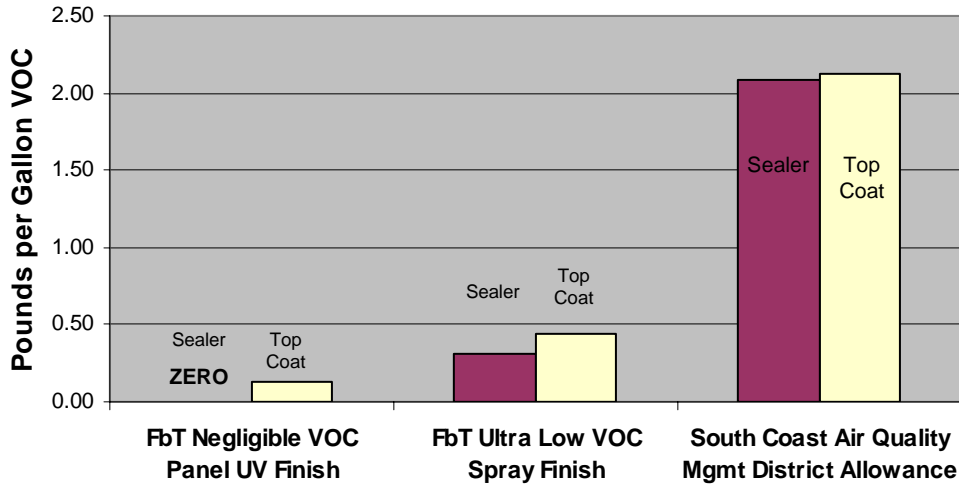
■ Hardwareless Bunkbed, Metal-to-Metal Wedgelock Spring

■ Hardwareless Bunkbed, Pin Bed Post

Furniture by Thurston

"GREEN" COATING SYSTEMS

Volatile Organic Compounds (VOC) are pollutant "fumes" released by standard coating systems.



Fumes from our coating systems are FAR BELOW those allowed by Southern California (most restrictive)

Our panel coatings utilize a UV finish that is emission free and 100% recycled!

We don't want any more **YELLOW SMOG** !

All coatings are **FORMALDEHYDE FREE**

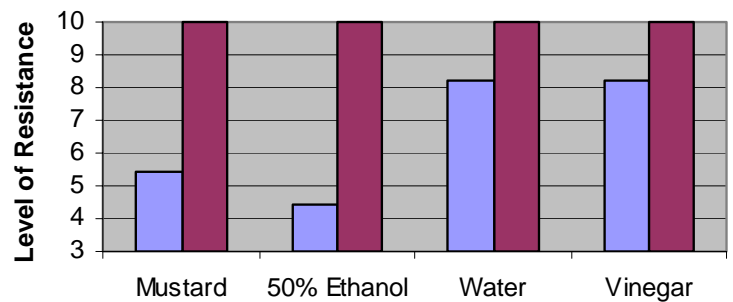
(Formaldehyde is a *nasty* chemical and known carcinogen)

Unlike standard coating systems (*Lacquer*), our finish is also **DURABLE**:

UV Coatings

Finished surface exposed to....With Result

Water for 24 hours	NO DAMAGE
Oil on Scratched Surface	NO DAMAGE
Alcohol for 6 hours	NO DAMAGE
Coffee for 6 hours	NO DAMAGE
Damp Heat of 85°C	NO DAMAGE
Acetone for 2 minutes	NO DAMAGE



■ Common Lacquer Finishes
 ■ Furniture by Thurston's Water-Base Spray Finish

Because our coatings are **HIGH** (100% for UV) **SOLIDS** and **LOW** (spray) or **NO** (UV) **SOLVENT**, they are also more resistant to abrasion!

Furniture by Thurston

CONCERN FOR THE ENVIRONMENT

In the 1800s, when America's population was doubling every decade, the consumption of lumber exploded. Lumber was the primary material at that time, much as plastic, aluminum, and composites are today. Wood was used in countless ways, such as fueling furnaces, as construction material, and making railroads.

Since the 1800s, nearly three-quarters of our country has reverted back to forestland. According to the American Hardwood Association, the United States has 80% more hardwood trees today than just 40 years ago. The majority of lumber harvested in this country comes from second and third generation forests that are managed to support the furniture, cabinet, and millwork industries.

The policy of Furniture by Thurston is to further the conservation of one of the world's great natural renewable resources by avoiding using wood from questionable sources. Our company will **not** procure materials if **any** of the following conditions are found:

- Illegal harvesting
- Genetically modified trees
- Violations of traditional or civil rights
- Uncertified high conservation value, old-growth forests

If it proves impossible to identify the origin of our raw materials, we are **committed** to replacing them with materials for which the source can be **verified** with confidence.



Forest Stewardship Council

Certificate Registration Code: SW-COC-879

Have You Got a Screw Loose?

The durability of your furniture is dictated by the material's ability to maintain its connections.

Doesn't it make sense that the **best value for your money** would be the material that is not only cost-effective and attractive, but also has the ability for connections made to last?

SCREW RETENTION TESTING

TEST DESCRIPTION: An apparatus was fabricated which would allow the appropriate screw to be inserted into the designated type of solid hardwood or panel, to a depth of one-half inch. This same apparatus was connected to a dead-weight fixture that allowed weight to be added in small increments until the point where the screw detached itself from the specific wood and panel being tested.

SPECIFIC GRAVITY: This is the weight and density of the lumber, in other words, how heavy it feels when you pick it up. The higher the number, the heavier it feels. It could also be described as the amount of wood substance a piece of wood contains. The higher the number, the denser the wood.

Type of wood	Type of screw	Weight at screw detachment	Specific Gravity
Hard Maple	# 6 Phillips Pan Head	549 #'s	0.63
Hard Maple	# 8 Phillips Flat Head	626 #'s	
Red Oak	# 6 Phillips Pan Head	435#s	
Red Oak	# 8 Phillips Flat Head	560 #'s	0.63
Soft Maple	# 6 Phillips Pan Head	425 #'s	
Soft Maple	# 8 Phillips Flat Head	550 #'s	0.48
Birch	# 6 Phillips Pan Head	374 #'s	
Birch	# 8 Phillips Flat Head	439 #'s	0.55
Rubberwood	# 6 Phillips Pan Head	376 #'s	
Rubberwood	# 8 Phillips Flat Head	400 #'s	0.55
Red Alder	# 6 Phillips Pan Head	292 #'s	
Red Alder	# 8 Phillips Flat Head	350 #'s	0.41
Ply-Core Panel	# 6 Phillips Pan Head	190 #'s	
Ply-Core Panel	# 8 Phillips Flat Head	280 #'s	
Fiber-Core Panel (MDF)	# 6 Phillips Pan Head	190 #'s	
Fiber-Core Panel (MDF)	# 8 Phillips Flat Head	285 #'s	
45# Particle Board	# 6 Phillips Pan Head	180 #'s	
45# Particle Board	# 8 Phillips Flat Head	208 #'s	

