

HOLLMAN

SINCE 1976

Building Better Lockers From Fewer Trees

Green Line

Many companies talk about green in terms of material choices — a topic Hollman takes very seriously. Taking steps beyond this, we have focused on manufacturing methods as well, allowing us to consume less material — A LOT LESS. With careful engineering, we can offer higher quality and lower prices, while benefitting the environment. Better yet, green is not just a trend at Hollman: we have been building this way for decades.

Cutting fewer trees

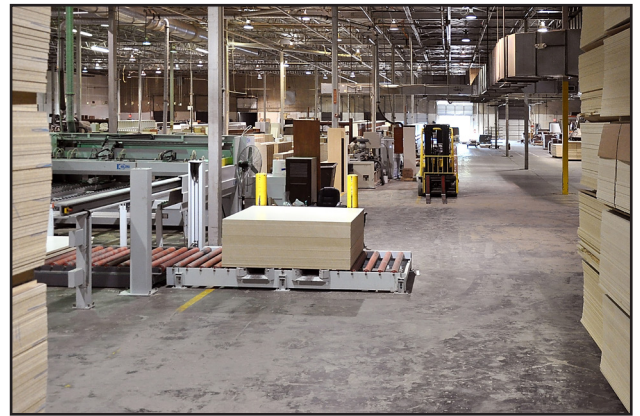
Hollman veneer lockers are produced with 7-10% material waste compared to 75% waste with traditional wood working techniques. Our locker plant utilizes veneered particle board to control for wood defects and cut patterns to maximize usage. Simply put, Hollman can produce 36 lockers from the same number of trees that would go into 10 traditionally built lockers.

Reusing materials

Hollman will work with our clients to reuse existing material where possible. St. Andrews Country Club replaced their doors, but reused their hinges and locker frames with beautiful results — for the environment, their budget, and their members.

Reducing VOCs

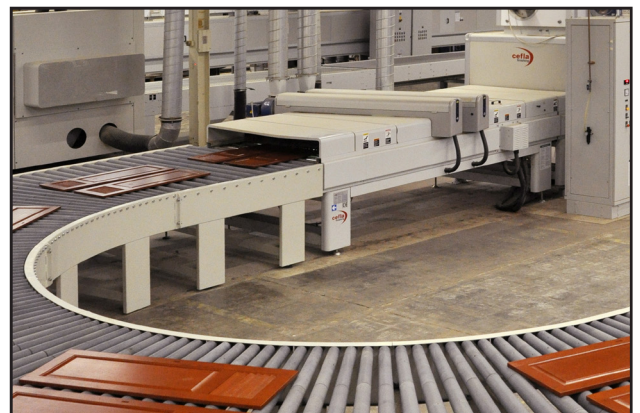
Traditionally used lacquer finishes contain formaldehyde and other carcinogens. Hollman has invested millions of dollars into a finishing line that sprays a water-borne UV cured finish. Our UV finish is more durable than lacquer and is included with no additional cost on all wood products.



Hollman's state-of-the-art locker plant



St Andrews door replacements



Hollman's UV finishing line

HOLLMAN LEED POINT OPPORTUNITIES

Credit	Requirements	Points Available
Materials & Resources (MR)		
MR 4	10-20% of the building materials used must be made of recycled materials	1-2
MR 5	10-20% of the building materials must be extracted, processed, and manufactured locally	1-2
MR 6	2.5% of the total value of all building materials used must be rapidly renewable	1
MR 7	50% of wood based materials are certified in accordance with FSC's principles and criteria.	1
Indoor Environmental Quality (IEQ)		
IEQ 4.1	Low-Emitting Materials – Adhesives and Sealants	1
IEQ 4.2	Low-Emitting Materials – Paints and Coatings	1
IEQ 4.4	Low-Emitting Materials – Composite Wood and Agrifiber Products	1

FACTORY FINISH COMPARISON GUIDE

Finish System	Standard Production Finishes		Specialty Finish <i>(Hollman's Finish)</i>
	Pre-Catalyzed Lacquer	Conversion Varnish	UV Cured Epoxy Polyester Urethane
Durability	2	4	5
Abrasion Resistance	4	4	5
Finish Clarity	4	3	5
Yellowing in Time	2	4	3
Finish Flexibility	2	4	3
Moisture Resistance	3	4	5
Solvent Resistance	2	5	5
Stain Resistance	4	5	5
Heat Resistance	2	5	5
Affects Wood Flame Spread	Yes	No	No

Source: AWI/AWMAC- 8th Edition Quality Standards

5 = Excellent to 1 = Poor: The numerical ratings are subjective judgements based on the general performance of generic products.
(Special formulations and facilities will influence some of the performance characteristics.)

Architectural Specifications:

1) Wood Finish: All wood surfaces are sealed with 100% solid UV cured sealer, with less than 1% Volatile Organic Compounds (VOCs) and then finished with a water-borne UV cured clear anti-microbial topcoat, with less than 1% VOCs, applied in the desired sheen (10, 30, or 50 degrees).