



## A holistic approach to environmental responsibility

Preserving the balance between responsible manufacturing and a healthy environment

Simplicity. Flexibility. Longevity.



north american hardwoods  
certified renewable forests



soy based upholstery  
foam option available



dust collection  
clean air systems



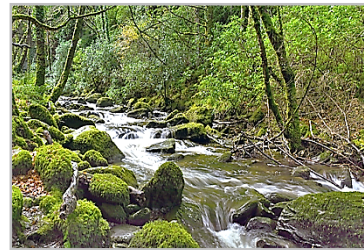
upholstery fabrics offered  
in 100% recycled content



100% recyclable content  
all packaging materials



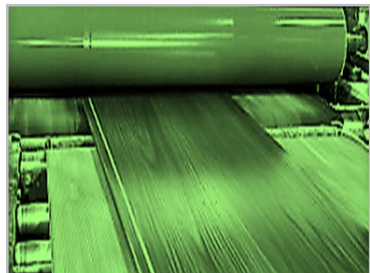
bed springs from nearly  
100% recycled railroad track



water based glue in  
casegoods and upholstery



wood scrap and sawdust  
recycled into wood pellets



uv cured roll coat finish  
produces zero emissions

ModuForm's finishing material is 100% solids based and applied using a pressure process with roll coat applicators. Nothing evaporates. Zero volatile organic compounds are emitted and 100% of the resin-based material is transferred to the part. Anything left over is reclaimed and applied to the next piece. This process can make ModuForm's finish up to 250% more durable than spray applied finishes.



high efficiency led lighting  
on/off motion detectors

Inspired designs for how we work, heal, learn, lounge and live

 MODUFORM

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**ModuForm has been a pioneer in preserving the balance** between technology and a healthy, thriving environment. This commitment to environmental stewardship began long before the trendy clichés of recent years. For years, ModuForm has lead the way in material sourcing, manufacturing processes and product life-cycle sustainability.

**In 1988, ModuForm was the second company in the United States** to implement wood finishing ultra-violet cure technology. Today, ModuForm's flat line/roll-coat finishing operation is a state-of-the-art system producing ZERO volatile organic compound emissions. As long as fifteen years ago ModuForm won awards for work in responsible packaging and reducing emissions of solvents and volatile organic compounds. In 1995 ModuForm received the Governor's "Gold Award" from the Commonwealth of Massachusetts for achieving 68% post-consumer recycled content in all packaging.

**ModuForm endeavors to achieve a truly integrated,** holistic approach to environmental compliance and production concerns. ModuForm believes in a plant-wide perspective that simultaneously reviews new regulations, plant operations, emerging technologies, changing markets and fluctuations in product demand. It is this type of holistic approach that leads to the environment becoming a criterion for making business decisions and business needs the criteria for making environmental decisions.

## **MATERIALS & RESOURCES**

Sustainable resources and regionally available material sources minimize carbon footprint. ModuForm utilizes domestic Appalachian and North America hardwoods, both of which offer unequalled sustainability.

## **MANUFACTURING & PROCESSES**

Responsible manufacturing processes inside and out such as flat-line finishing and water based glues produce ZERO VOC's during manufacture and for life of product, creating a cleaner environment inside and out, for life.

## **CONSERVATION & LIFE CYCLE**

RENEW and REUSE produce less CO2 emissions and impose a smaller carbon footprint than recycling. Sustainable products are those that can be revived to a second life and achieve the ultimate goal – CONSERVATION – using less to produce more with a smaller carbon footprint. ModuForm utilizes sustainable materials in environmentally low impact manufacturing processes to produce high quality, longer-lasting products. Such products - especially room furniture and seating made of hardwoods from certified sustainable forests - can be revived to a second life without having to produce or purchase new or replacement components.

## **METAL BED SPRINGS**

ModuForm metal bed springs are comprised of almost 100% recycled materials. All re-rolled angle iron for head and side rails comes from recycled railroad tracks. Springs and clips come from scrap steel which is made into rods that are then drawn down into wire. Coil steel is processed steel scrap that is melted down and produced by mini mills such as Nucor. Even the paint process used (powder coating), is more environmentally friendly than liquid because of the liquid chemicals used and the disposal of liquid paint. The powder system is a closed loop system so unused powder is continuously reused.

## **ROTATIONALLY MOLDED (520-SERIES)**

Contents of the chair considered to be from a recycled source would be 21.6 pounds or 18%. ABS base material typically contains 60-70% pre-consumer recycled material, recycled from actual processing (0% post-consumer). Base weighs 8 pounds, 5.6lbs considered pre-consumer recycled product. Particle board base is manufactured utilizing 100% post-industrial material. The base weighs 16 pounds.



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