

# Panolam and Pluswood ThermoFused Melamine



## Product and Company Certifications

1. Huntsville Particleboard has received Environmentally Preferred Product (EPP) Grademark Certification – CPA 03-08 indicating that:
  - a. Formaldehyde Emissions < 0.18 ppm
  - b. 100% recycled or recovered fiber
2. ISO 9002 Certified Facilities:  
Huntsville, ON

## LEED Information

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### Recycled Content (MR Credit 4.1 and 4.2):

The overall recycle content of a typical thermofused melamine panel is dependent on the board used for the core, but is typically in the range of:

- Post industrial: 75-80%
- Post Consumer: 0-5%

### Local/Regional Materials (MR Credit 5.1):

TFM panels are produced in the following locations:

1. Albany, Oregon
2. Huntsville, Ontario Canada
3. Norcross, Georgia
4. Oshkosh, Wisconsin

### Local/Regional Materials (MR Credit 5.2):

The wood chips used to produce the particleboard at the Huntsville, Ontario facility are recycled from facilities located within 500 miles of the facility. The wood that generates these waste chips is also extracted from forests within 500 miles of the Huntsville facility.

### Low Emitting Materials (EQ Credit 4.4)

TFM panels can be produced using non-urea formaldehyde board.



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## Sustainable Resources

### Identifying Environmental Issues. Taking Environmental Action.

- No new trees are harvested for our production of particleboard at our Huntsville, ON facility. All of our wood supply comes from sawmills, planing mills, and other sources where the wood is a waste from a primary product production.
- Approximately 5% of the wood received comes from secondary use sources such as clean construction materials and clean recycled skids, pallets and crates.
- The decorative papers used in the laminate production process contain a portion of recycled content.

## Protecting Our Water

- Closed loop hot oil heat exchange systems are used to reduce the amount of water required for the process.
- Closed loop water systems are used to reduce wastewater discharges.

## Ensuring Cleaner, Healthier Air

- The state-of-the-art EcoDry system installed at the Huntsville, Ontario facility controls the hazardous air pollutants (HAPs) and volatile organic compounds (VOCs) emissions that are generated from the wood chip drying process. Emissions from the process have been reduced to levels meeting regulatory guidelines for the industry sector.
- Water-based amino resins are used in the paper treatment processes to reduce fugitive emissions to the atmosphere.
- Panolam facilities are equipped with control devices to capture particulate emissions from its operations.

## Waste Reduction

- Waste disposal to landfill from the Huntsville, Ontario facility has been reduced by more than 80% since 1994. This has resulted in approximately 38,000 tons of material diverted from a landfill per year and has resulted in the facility becoming a three time recipient of a Recycling Council of Ontario Award of Excellence for its 3R program (reduce-recycle-reuse).
- Recycling programs are established at all of the Panolam facilities. The materials recycled vary by facility and include such things as scrap metals and wood, cardboard and office papers, sawdust and sander dust, and pallets and other packaging materials.
- Scrap wood from the Oshkosh facility is used to create the supports on the finished wood panel bundles required for shipping which reduces the amount of waste to landfill and also the amount of new wood required.
- Spent fluorescent light tubes are sent off-site, where the mercury, glass and metal end caps are segregated, recycled and reused.
- Solvents from the waste inks at the Oshkosh facility are recovered and reused which reduces the amount of virgin solvents required at the facility, and reduces the amount of waste generated.

***Panolam Industries understands that when a company is dedicated to doing things right, we also have a responsibility to do the right things. We've opened our doors to regulators, our neighboring communities, and our customers, because we want to let you know that we're as proud of our environmental initiatives as we are of the quality of our products.***