

Distributor Ensures High-Value Lumber Arrives Safely With Protective Packaging Solution



A building materials distributor needed a better solution to protect lumber while in transit and stored on-site without the fear of damage. Liberty Plastics, Inc. was asked to ideate and manufacture a protective packaging solution to reduce the distributor's damage and lost revenue while maintaining their ability to deliver and store the product outside.

Packaging Challenges to Solve

The paper-like material being used to protect the lumber would tear or be destroyed leaving the wood vulnerable to outdoor elements. The solution needed to be more durable, lightweight, store flat while being quick to assemble. Preventing moisture and any problems from frost was a concern that also had to be addressed.

- Ships flat, easy-to-store and assemble.
- Material withstands cracking and splitting.
- Sustains long-term outdoor conditions, rain, UV, wind, and cold.
- Flexible and lightweight protection.
- Reduce slippage from frost accumulation.

Challenge

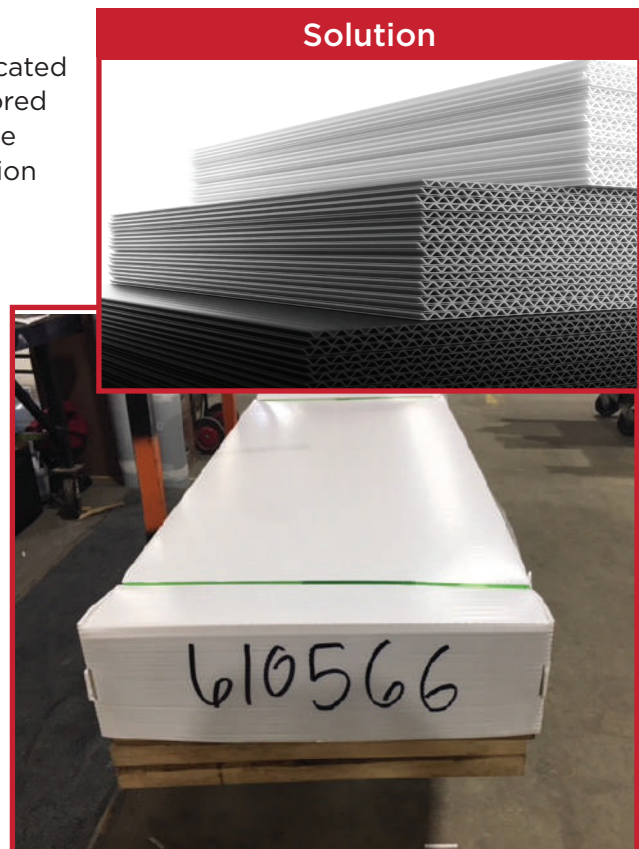


Solutions Delivered by Liberty Plastics, Inc.

A protective packaging solution doesn't need to be a complicated and expensive endeavour. In this case, Liberty Plastics, Inc. scored and notched corrugated plastic sheets, creating a top to place over the wood, fold along sides, and then banded. This solution provided the ultimate protection from outdoor elements.

- HDPE corrugated material will not crack or split from banding or cold environments.
- Lightweight, flat sheets are easy to handle.
- Die-cut and scored for easy folding.
- Anti-static treatment reduces slippage.
- Can be stored outdoors for long periods.

Solution



Case Study Capabilities

- HDPE corrugated plastic sheets
- Die-cut & scoring
- In-house design
- Anti-static additive
- 100% recyclable - No glues or staples
- 100% reusable packaging

Engineered corrugated plastic solutions that reduce waste, weight, damage and spend

