

## CASE STUDY

# Liberty Plastics Packaging Solution Protects Lumber During Transport

## PROJECT OVERVIEW

To keep lumber safe during transportation and storage, it's essential to have a durable solution that can withstand various weather conditions. Liberty Plastics, Inc. created a packaging solution to protect lumber for a building materials distributor who needed to prevent damage and revenue loss while storing their wood products outdoors.

## CHALLENGE

Liberty Plastics needed to find a durable solution that could withstand the transportation process and protect the lumber from moisture and frost damage upon arrival.

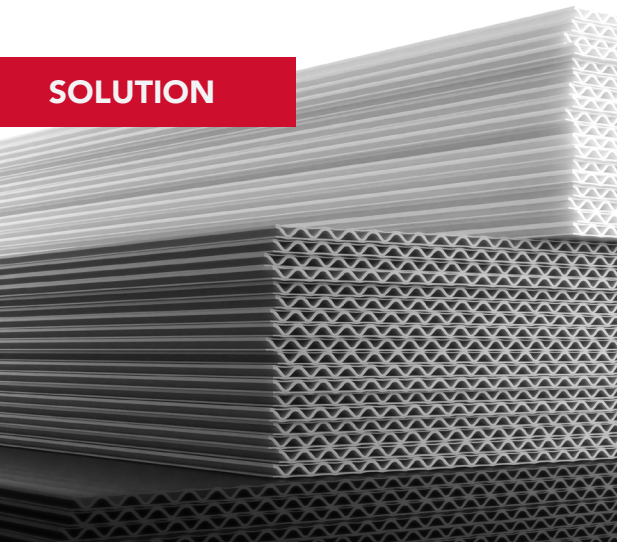
Packaging needed to:

- Ship flat, easy-to-store and assemble
- Withstand cracking and splitting
- Sustain long-term outdoor conditions, rain, UV, wind, and cold
- Provide flexible and lightweight protection
- Reduce slippage from frost accumulation

## CHALLENGES



## SOLUTION



## SOLUTION

Liberty Plastics designed a proprietary solution that protected the wood from outdoor elements as well as the rough conditions of travel. Our team scored and notched corrugated plastic sheets—creating a protective layer to place over the wood, which folded along the sides and banded.

Why our solution works:

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

## SERVICES PROVIDED

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



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