

Packaging Assessment for a global leader in Building Product production with sales in excess of \$6 billion.

Objectives

- ◆ Improve efficiency of packaging process.
- ◆ Reduce film usage in order to reduce total packaging costs.

Current Situation

- ◆ Using 100G Sigma Select.
- ◆ Averaged 15 revolutions and 12 ounces of film.
- ◆ On-pallet pre-stretch measured 153%
- ◆ Current wrap pattern did not exert enough containment force to middle of the pallet.

Gauging Success

Film Savings



Containment Force



Pre-Stretch



The Impact of Rite-Gauging

- ◆ Down-gauged to Sigma Select 80G and increased the amount of containment force on the middle of the pallet from 4 LBS to 9 LBS.
- ◆ Increased amount of pre-stretch on the film to 224% and reduced film usage from 12 ounces to 8 ounces.
- ◆ In order to provide sufficient containment force with a thinner film, revolutions remained constant.