

Guilford Group Case Study



Andersen Corporation Manufacturing Process Improvement

Andersen Corporation is an international window and door manufacturing enterprise employing more than 9,000 people at more than 20 locations.

Overview

- Improved performance while incorporating a product compliance initiative for windows to withstand higher wind velocities and pressure drops
- Utilized Lean Manufacturing Tools using cross functional teams in a few pilot settings. These improvements were later incorporated companywide. Manufacturing cost of this areas was \$40 million. This cost was cut by 12% and throughput time (representing productivity) was reduced by 3)% with improvement in ergonomic performance of 15%
- Created Standard Work and process documentation to aid repeatable and reliable working on the shop floor. Created Value Stream Maps to visually represent work flow in the factory and present clarity to all related departments and link to ISO documentation.

