

# ABEL

**NEW!**

## Smooth Wall Bin Systems

Abel is pleased to announce its new smooth wall bin system. This state of the art design was developed to help meet increasingly strict feed safety requirements by significantly improving material flow characteristics and by substantially reducing any area where feed may collect or become trapped. Considerable engineering effort was also applied to make this the strongest, fastest erecting and most durable square bin system on the market today.

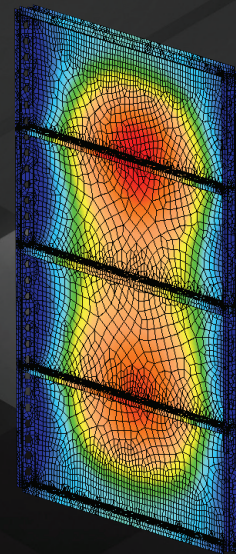
### System Features

- All bin surfaces are smooth to provide superior material flow characteristics.
- Bin walls are provided as factory preassembled panels that are up to 25' high to significantly reduce field assembly time.



## System Features (continued)

- Almost the entire bin system is assembled using high strength fasteners. To protect against damage to the protective coatings on galvanized or aluminized steel, no welding is used to manufacture the walls. Welding is only used in the roof area to provide the best protection against water penetration.
- Interior wall spaces are ventilated to help prevent the buildup of dust and moisture which can cause corrosion. It also permits effective fumigation if ever required.
- This new system uses a highly refined hopper to wall connection. It exclusively uses mechanical fasteners which eliminates field fitting and welding in this area. This greatly reduces assembly time and preserves the protective coatings on the steel.
- Field assembly time is also substantially reduced by the use of blind fasteners mounted into plain holes. This removes the requirement to have two people installing bolts and the problems associated with thread damage due to threaded connections.
- The extensive use of FEA analysis (Finite Element Analysis) assures exceptional structural strength. Our advanced in-house FEA capabilities allow us to judiciously use steel where it increases strength while minimizing costs. Not only does this bin design offer unsurpassed strength for storing heavy materials, but its unique bin corner configuration permits the direct support of substantial headhouse structures.



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