

MATERIAL HANDLING

A. Shipping

1. Metal panels are shipped with the panels stacked vertically, on edge, and braced as needed for security. Handling requirements are the same as listed below.
2. BLOCK AND BAND - 2x4's are strapped under the bundles to allow access for straps or a forklift. Bundles less than 25' (7620mm) long may be handled by a forklift. The forklift should have at least 5' (1524mm) between forks. Bundles longer than 25' (7620mm) should be lifted utilizing a spreader bar with appropriate straps spaced secured about ¼ of the way from each end of the crate/bundle.

B. Staging Materials

Materials should be placed at jobsite in such a way as to minimize handling.

1. Position crates or bundles with the panels in the correct position to be loaded directly on the roof without any additional turning or flipping.
2. Space materials out to limit having to shift on the ground or roof. Check load limits of structure to distribute load evenly and not to exceed building limits.
3. Assure all accessory items are conveniently located for workers and they will not have to leave area or cross over installed work.

C. Handling

For correct and safe handling of a Metal panel, use the following handling procedure:

TABLE 2.05.1 PANEL HANDLING					
Panel length*	Less than 6'	6' – 15'	16'- 30'	31' - 45'	> 45'
Handlers*	1	2 - 3	3 - 4	4 - 5	4 or more with extreme care.

* Handling of panels and the number of handlers required are a function of Panel length and width, combined with the experience of the handlers and weather conditions. Final handling decision rests with the handling party.

Please ensure metal panel does not bend in any direction, up, down or torque, from its shipped or formed shape and maintains it throughout the transportation and installation process.

