

SIP Site Logistics Guide

This document covers some of the considerations needed for delivery, unloading, and storage of the Structural Insulated Panels generally encountered for residential and commercial construction. For additional information, please reference our Installation Guide [on our website](#).

Delivery

The panels will generally be delivered on a 48' to 53' flatbed trailer. It is the responsibility of the customer to ensure there is adequate access for the truck to deliver. If there is not adequate access, you will need to coordinate a separate delivery location and means of transporting the panels to the site. This should be discussed with the Insulspan Logistics Coordinator prior to scheduling the delivery.



Site Preparation

Ensure there is enough space for the delivery truck and trailer, and for the equipment to unload the panels. You will need 12-feet or more of space around the delivery trailer to unload, if you are using a forklift or telehandler. The panels should be stored on level ground and will take up approximately 500 ft² per 1000 ft² of panels since you will need space around the panels to access and select them. It is ideal to place and store the first-floor walls (if applicable) on the already constructed floor deck.

Unloading

You will need a forklift, telehandler, or crane to unload the panels, lumber, and accessories from the trailer. Unloading should be completed in two hours or less to avoid detention charges. In most circumstances, you will need forks that are at least 5' long though 6' long is preferred.

Panel Sorting and Storage

During the design stage, we group individual panels together, for the lamination process, to maximize the yield from the jumbo panel and minimize waste. When loading the trailers for transportation, we arrange the panels in stacks to maximize the space on the trailer to reduce freight costs for the customer. The end result is that the panels are delivered in stacks that may be in no particular order.

You will want to allocate time to sort the panels after they have been unloaded from the truck, prior to beginning installation. The amount of time will vary depending on the number of panels but will likely be several hours or more. If the panels are 4' wide or smaller, you may want to stand the panels on edge so that they are easier to locate and select. A load list is included with the shipping documentation that identifies which panels are on which truck and in which stack. This is a guide to aid in locating and sorting the panels.



If your building is large, has multiple floors, and/or is being built in stages, you must notify us during the design stage if there is a particular order or grouping in which you would like to panels shipped.

The panels should be kept dry during storage. Keep them stacked off the ground on level blocking. It is important to protect the panels from precipitation, especially prior to installation. The moisture can cause the edges of the OSB to swell which will make installation more difficult. If precipitation is possible, the panels should be covered with a tarp or poly sheeting.

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