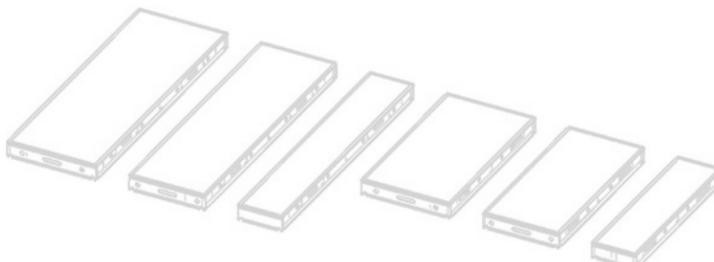


Primary Beams

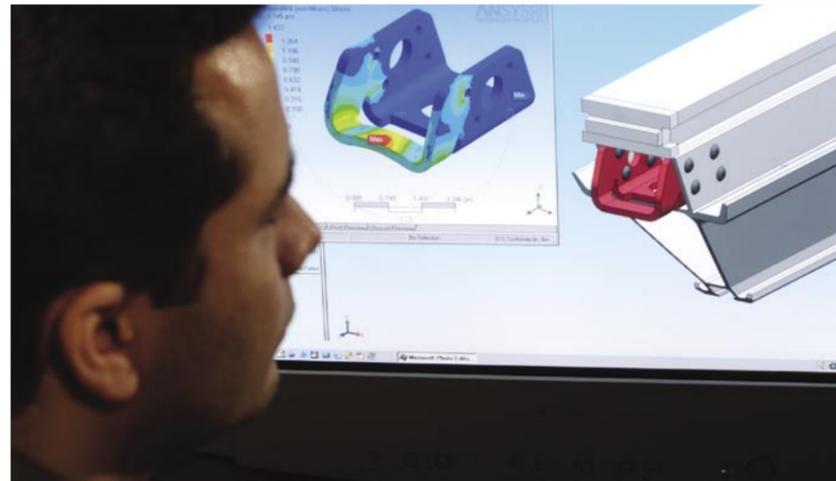
Item No.	Weight	Size	
Item No. 7857	52 lbs 23 kg	8' 2351.8mm	
Item No. 7855	37 lbs 16.6 kg	6' 1742.2mm	
Item No. 7853	25lbs 11.2 kg	4' 1132.6mm	

Panels

Item No.	Weight	Size	
Item No. 7851	42 lbs 19 kg	2' x 6' 609.1 x 1740.8mm	
Item No. 8145	35 lbs 15.8 kg	1'-8 1/2" x 6' 520.2 x 1740.8mm	
Item No. 8144	28 lbs 12.7 kg	1' x 6' 304.3 x 1740.8mm	
Item No. 7863	28 lbs 12.7 kg	2' x 4' 609.1 x 1131.2mm	
Item No. 8142	24 lbs 10.8 kg	1'-8 1/2" x 4' 520.2 x 1131.2mm	
Item No. 8141	18 lbs 8.2 kg	1' x 4' 304.3 x 1131.2mm	

Engineered By Trusted Experts

The Aluma Dek® is the latest in a long line of innovative products designed by Aluma Systems, which revolutionized the construction industry in 1972 with the design of the Aluma Beam®. For more than three decades the company has created unique and dependable products that exceed customer expectations by reducing costs and improving productivity, safety and efficiency. It has done so with consistency and an uncompromising determination to continually build on the best.



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Aluma Dek

Product Sheet DEK_01_09.05

Aluma Systems
Concrete Construction

The Aluma Dek®: The Cutting Edge of Productivity

Introduction

The Aluma Dek® is a modular, panelized decking system that simplifies assembly, shortens production time, and saves costs.

The Aluma Dek® is easily adapted for use on any kind of building, making it a highly flexible system. Its efficient features include the time-saving, innovative Aluma Systems Hanging Bracket for column drops, an original device that is fully compatible with the Aluma Beam®.

Contractors using the Aluma Dek® can erect a 6' X 8' modular grid, which is 30% larger – and therefore more efficient - than other systems on the market.

When used with the Aluma Systems Heavy Duty Post Shore, the Aluma Dek® system can support a 14-inch slab and a 6' X 8' grid using half the components required by competing systems.



* **Note:** Equipment shown is for demonstration purposes only

Safe

- Engineered by an experienced, safety-award-winning team
- Limit Stops prevent sliding as workers walk on assembled panels
- Tripod safely holds post shore erect

Smart

- Modular design
- Adaptable to any building type
- Time-saving Hanging Bracket for column drops
- Compatible for use with beams or panels

Efficient

- Faster pour cycles due to quick erection and dismantle
- Minimal training required to achieve assembly proficiency
- 30% more coverage than other systems
- Compatible with Aluma Frame® System

Cost Effective

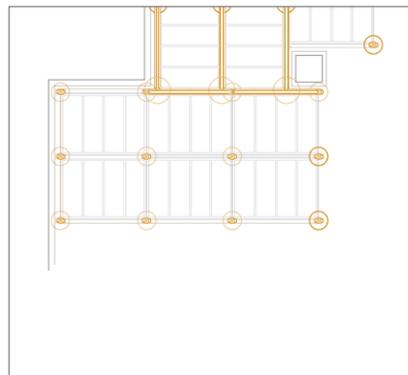
The Aluma Dek's® elegant modular design makes assembly fast and simple. Lightweight, labor-friendly components fit precisely into place without use of clamps or wedges, and assembly proficiency can be achieved with minimal training.

The Aluma Dek® is designed for full utilization with the Aluma Frame® System and the incomparable Heavy Duty Post Shore.

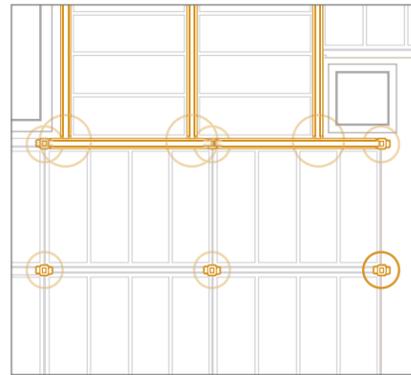


* Note: Equipment shown is for demonstration purposes only

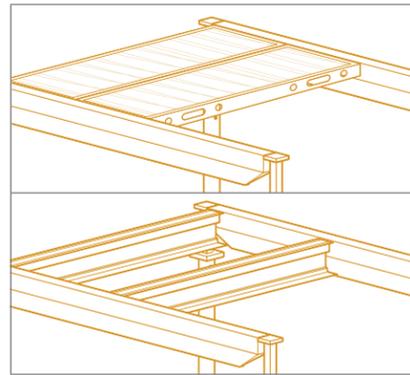
Flexible and Versatile



The Aluma Dek® has a strong advantage over other available systems because its grid direction can be quickly changed at any point, making it easily adaptable to any building configuration.



The Aluma Dek's® primary beams are uniquely designed to connect to the system's steel drop heads as well as to each other. Panels can therefore be positioned anywhere relative to the primary beams, allowing contractors to run beams in an uninterrupted path without having to stop and start the erection process.



The Aluma Dek® is one of the only systems available that can be used efficiently with either panels or beams. This feature allows customers who own an inventory of Aluma Beam® the option of using them in place of panels. In this lightweight, economical configuration, Aluma Beam® can be cut to size, modified by adding the contact heads, hung as secondary beams and topped by plywood.

Super-Efficient Core Components and Accessories



1. Heavy Duty Post Shore

The Heavy Duty Post Shore's load capacity of 14,000 lbs. (62 kN) at 8 ft. (2.43 m) is almost twice that of most standard post shores available, so contractors need only half the number to get the job done.

Engineered to meet industry demands for safety, strength, durability and speed, Heavy Duty Post Shore makes the erection process faster and easier, while it saves on equipment, transportation and labor. Its captive design (there are no loose components) means less maintenance, loss and damage.



* Note: Equipment shown is for demonstration purposes only



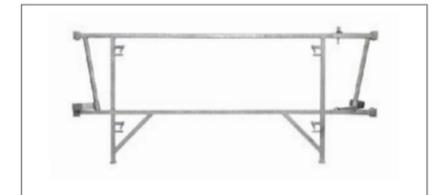
2. Primary Beams & In-Fill Supports

Primary beams, in 4', 6' and 8' lengths and easy to use beam side in-fill supports in 4', 6' and 8' lengths make finishing areas a snap.



3. Panels & In-Fill Supports

Panels, in lengths of 4' and 6' and widths of 1', 1'8 1/2" and 2' and easy to use panel side in-fill supports in 4' and 6'. Limit Stops bolt into place at the bottom of beams, beneath the panels. This prevents sliding, particularly critical in the case of a steeply sloping slab.



4. Adjustable Quick Brace Frame

The Adjustable Quick Brace Frame for post shores reduces labor costs and enhances safety and efficiency by providing lateral stability to the system, without time-consuming brace construction. The frame's adjustable legs are designed to easily adapt to sloping slabs.



5. Steel Drophead

The easily engaged/released drop head with rotating block fits on the top of all vertical posts and, when released, lowers the frame and allows quick removal of braces, primary beams and panels while post shores continue to support the setting concrete. (Allows 4 1/2" stripping drop.)



6. Hanging Bracket

The Aluma Hanging Bracket, unique to the Aluma Dek® system, offers various level brackets for column drops and allows production to proceed efficiently, without the need to stop for measurements. Designed to be used with the Aluma Beam®.



7. Tripod

The Tripod erection aid easily collapses for transport and storage.