

Slab formwork

ALUMA DEK®

By: Aluma Systems

Product description

Multiple sizes (m)

Panel Widths (cm)

Panel Lengths (m)

Primary Beam (m)

Secondary Beam (m)

Panel Lining Types

Form Lining Thickness

Maximum Panel Weight

Max. Slab Thickness

Relevant Standards

Slab Formwork

1.2 m x 1.2 m | 1.2 m x 1.8 m |
1.8 m x 1.8 m | 1.8 m x 2.4 m

30 cm | 52 cm | 61 cm

1.2 m | 1.8 m

1.2 m | 1.8 m | 2.4 m

1.2 m | 1.8 m

HDO Plywood

1.2 cm

19 kg

35.5 cm

Meets ANSI A10.9,
CAN/CSA S269.1-M92

Special Features

- Time saving hanging bracket
- Adjustable legs adapt to sloping slabs
- Quick release drop head

Aluma Dek® Integrates with:

Aluma HD Post Shore with a direct connection

Aluma Frame with a direct connection

Aluma Beam complete integration

Product Advantages

- Time-saving Hanging Bracket for column drops
- Compatible for use with beams or panels
- Large grid size minimizes vertical shores
- Compatible with Aluma Frame® System
- Accommodates sloped slab pours



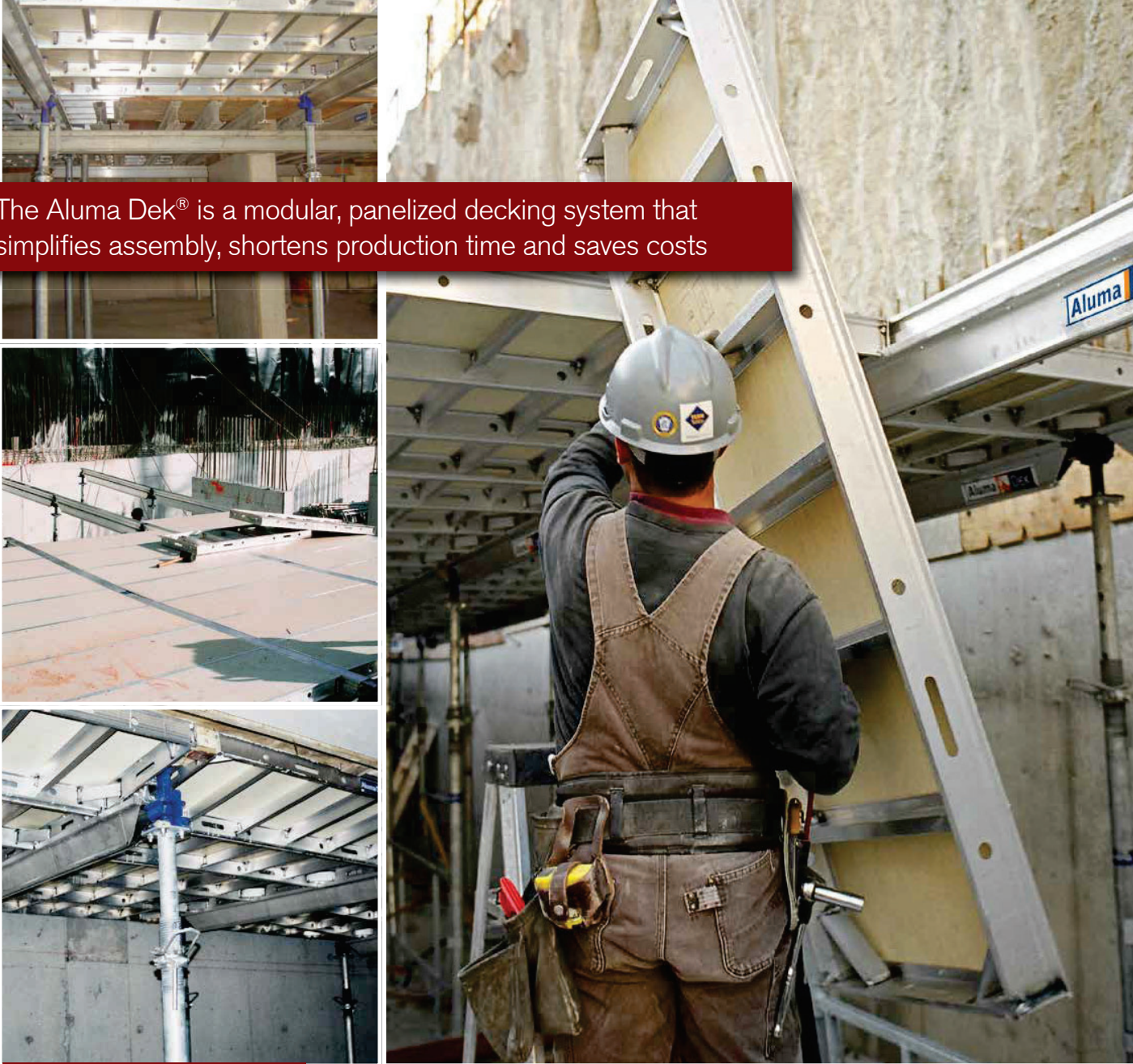
Large grid size minimizes vertical shores



Compatible with Aluma Frame® System



Accommodates sloped slab pours



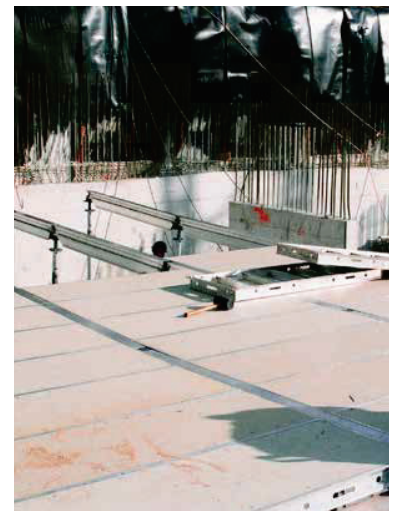
The Aluma Dek® is a modular, panelized decking system that simplifies assembly, shortens production time and saves costs

The Aluma Dek system has a strong advantage because its grid direction can be quickly changed at any point making it easily adaptable to any building configuration.

Installing the Aluma Dek from below the grid

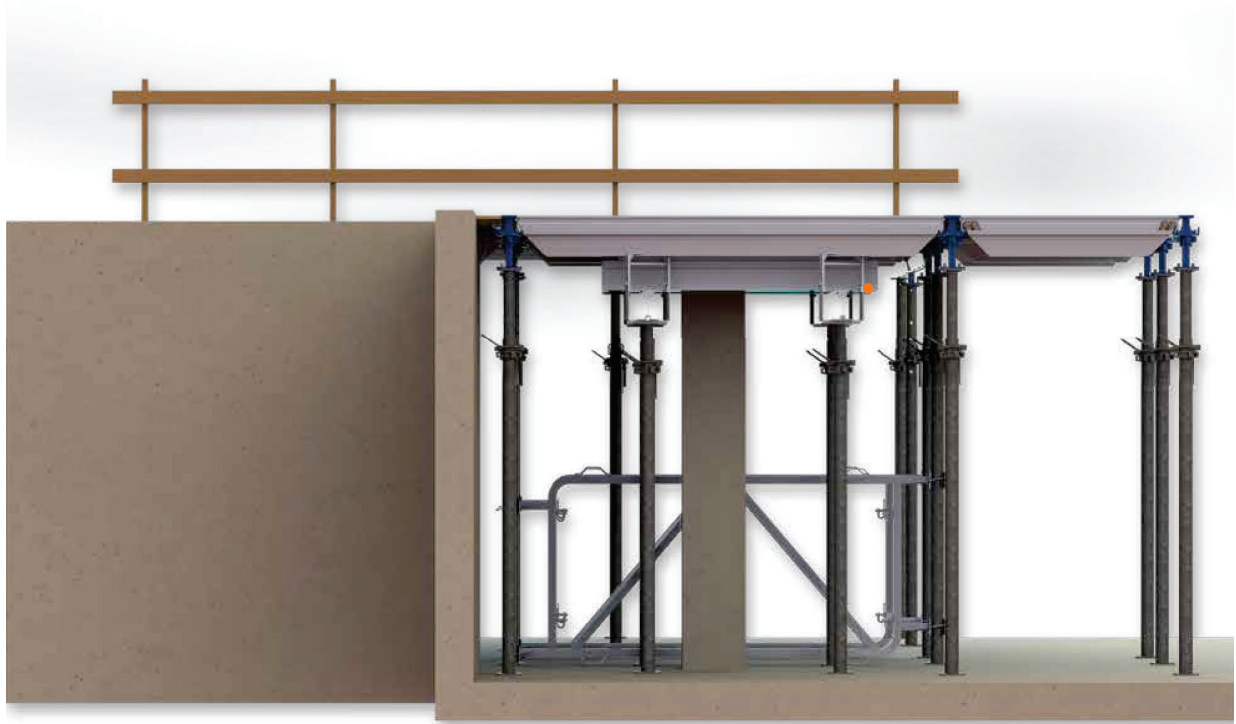


Time-saving Hanging Bracket for column drops



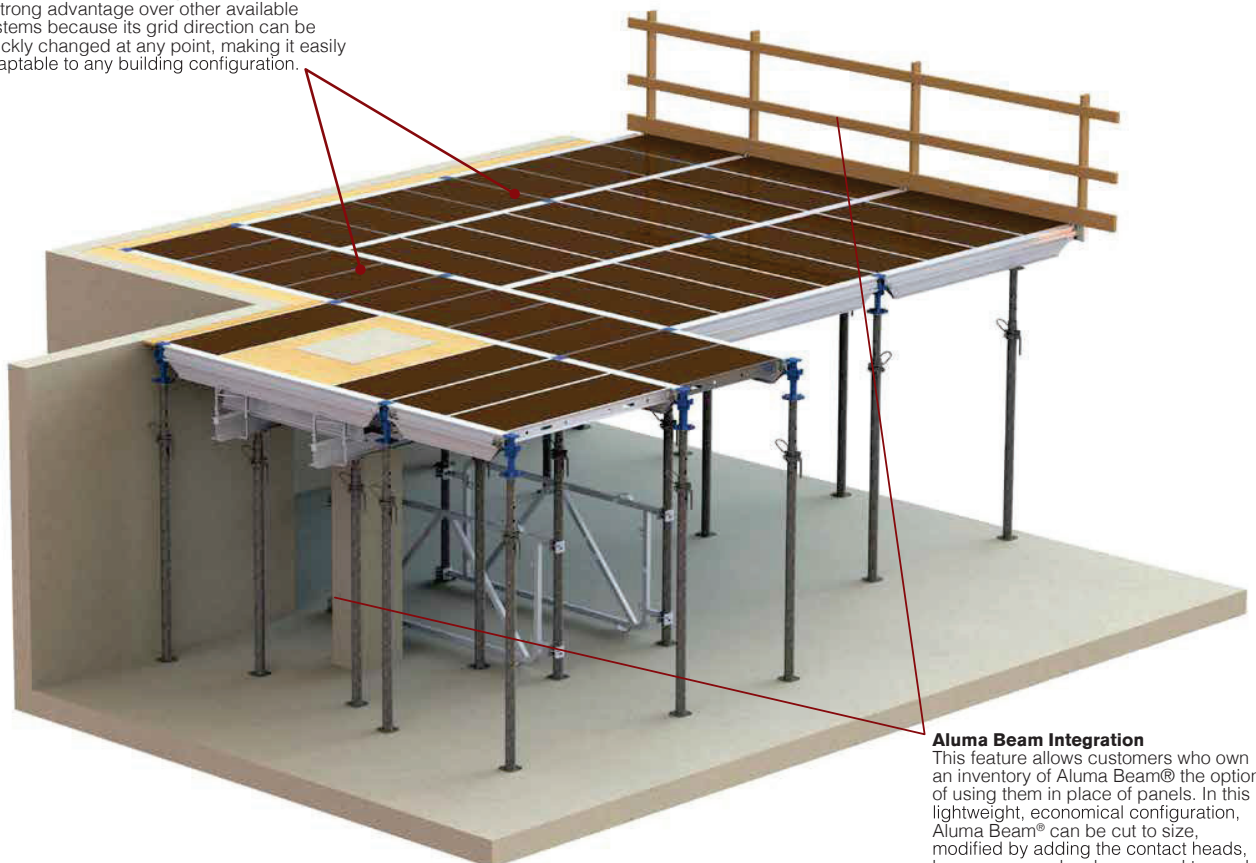
Compatible for use with beams or panels

The Aluma Dek's® elegant clampless and wedge-less, modular design achieves labor friendly accuracy with minimal training



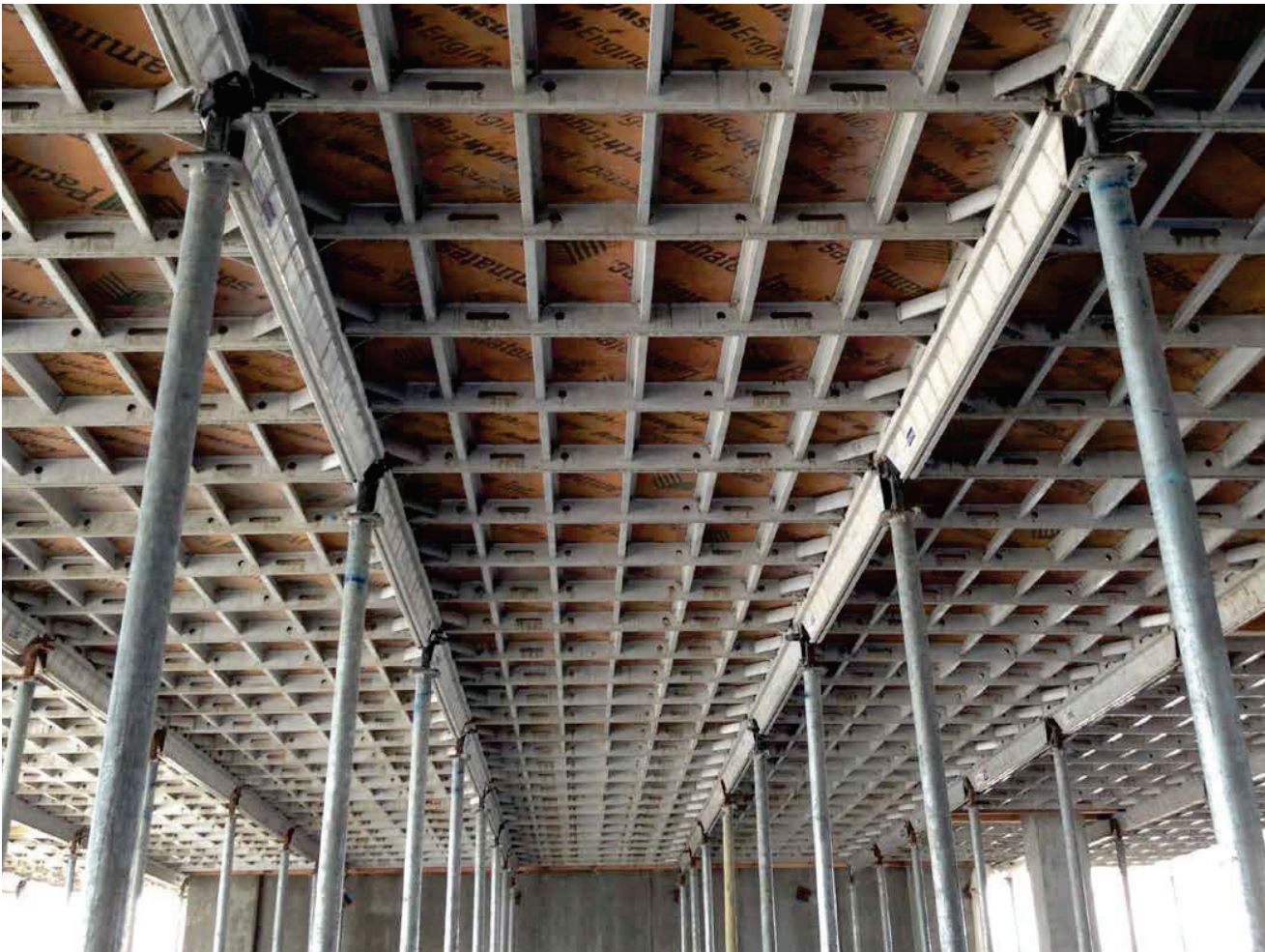
Grid Direction Advantage

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.

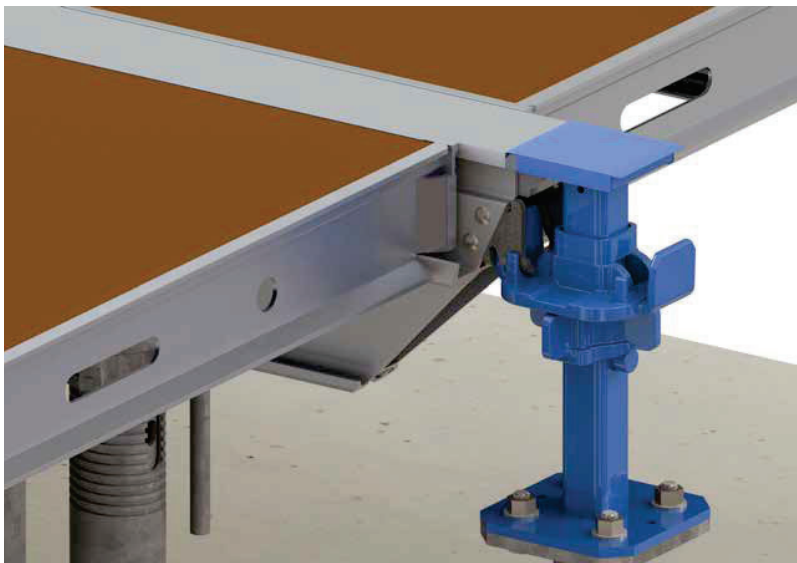


Aluma Beam Integration

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.



AGA Khan Museum, Toronto



Drop head and primary beam configuration

Application & Use

High rise, multi floor, typical flooring

Parking garage, large slab applications

- Commercial Applications
- Industrial Applications
- Infrastructure Applications