

strongbox

MEZZANINE SYSTEMS

*Engineered for Safety,
Durability and Economy*



strongbox
MEZZANINES™

The Economical Solution to Expanding Your Storage Space

When your rapidly growing business demands additional storage space, **Strongbox Mezzanine™ Systems** offer an alternative to expensive, inconvenient facility renovation or warehouse relocation. Engineered to bring you **the strength of structural steel at an economical roll-formed steel cost**, a prefabricated **Strongbox** system lets you turn any unused space into new office, warehouse, or production areas. You can actually double your storage capacity in any space! What's more, since free-standing mezzanines are considered capital equipment, installing a **Strongbox** system rather than expanding your building allows you to avoid additional property taxes and take advantage of more favorable depreciation rates.

Safety and Strength

Strongbox Mezzanine Systems are engineered to meet AISC standards and can be designed to support up to 300 pounds per square foot. They will meet all seismic zone requirements, with a deflection limit of L/300 over any span, which eliminates the sponginess

found with other mezzanines. The **Strongbox** system, which uses ASTM A325 high-strength bolt connections, offers the industry's strongest and most durable option for economical storage.



Flexibility to Meet Any Storage Need

Strongbox Mezzanines are completely modular systems available in a variety of options that can be configured to your unique building requirements. Lightweight beams facilitate installation over existing shelving or machinery to reduce downtime, while easy add-on components enable expansion of the system when you need more space. **Strongbox Mezzanines** are installed completely independent of building walls and their modular components can be simply and quickly dismantled when you need to move or relocate your inventory.

Space-Saving Features

The **Strongbox** beam-to-column connection completely eliminates the need for gussets so the deck can be cantilevered in areas where columns cannot be located. This feature, along with side-mounted handrail, enables the use of every inch of your valuable storage space. All structural steel stairs are bolt-together and are made to fit in areas where other systems' stairs cannot.

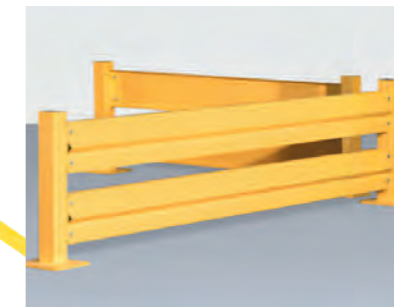
Your Competitive Edge

Strongbox Mezzanine Systems have been designed to take advantage of all unused space and to be easily installed. This product is the result of over 20 years experience in facility design and layout, gained through solving space problems for industries as diverse as hospitals, doctors' offices, R&D facilities, automobile dealerships, pharmaceutical companies, flavor and fragrance manufacturers, plumbing and heating supply warehouses, and magnetic media storage facilities. Integration with pick modules, conveyors, and rack or shelving systems can be accomplished as well. Friendly, knowledgeable personnel are eager to answer your inquiries, help you assess your needs, and respond quickly to requests for quotations. Your **Strongbox** system can be delivered and installed in as little as four weeks from initial order without any backordered parts. Professionally sealed, detailed installation drawings are included with each system design at no extra charge, enabling you to secure the necessary permits quickly and economically without delaying project completion.

▲ The Strongbox system uses ASTM A325 high-strength bolt connections.



▲ Side-mounted handrail enables the use of every inch of your valuable storage space.



◀ Barrier rails are available as an add-on component

▶ Swing, pivot, or lift-out gates are designed to meet strength and rail opening requirements of applicable codes



▲ The Strongbox beam-to-column connection completely eliminates the need for gussets.

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SPECIFICATIONS

Support columns: minimum 4" x 4" square steel tubing with 5/8" thick base plates, designed to meet AISC standards for vertical, lateral, and seismic loads. Columns are free-standing, not anchored to building walls, and are anchored to floor with 5/8" x 4" anchors minimum.

Framing Structure: 12-gauge roll-formed steel channels with maximum deflection of 1/300". Framing connections utilize ASTM A325M high-strength bolts. Standard deck heights of 8', 9', 10' and 12' available.

Stairs: Bolt-together structural stairs fabricated to meet OSHA and BOCA requirements with closed treads and risers. Landings are provided when stairs run parallel to the mezzanine perimeter.

Rails and Gates: Side- or top-mount hand rail manufactured from 14-gauge square tubing. Swing, pivot, or lift-out gates (4', 5', or 6') are designed to meet strength and rail opening requirements of applicable codes.

Pallet Drops: 4' x 6' manufactured of 1/8" thick diamond plate and fastened to grating or corrugated deck underlayment.

Decks: Options for decking material include resindeck, diamond plate, plywood over corrugated deck, bar grating, and luan over plywood for in-plant office applications. Tile or carpet also available.



DIAMOND PLATE OVER CORRUGATED



PLYWOOD OVER CORRUGATED



BAR GRATING

Installation: Performed by fully-insured, factory-based crews. Erection shall be performed in accordance with instructions contained on installation drawings. **Strongbox Mezzanines will not be responsible for concrete slab testing, footings, or building permits.**

Warranty: 5-year limited warranty against manufacturing defects in material and workmanship including labor and materials if damage or defects have occurred as a result of normal wear and tear.

Colors: Standard colors include black, gray, light gray, tan, and blue. Custom colors also available.



BLACK



GRAY



LIGHT GRAY



TAN



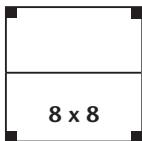
BLUE

(Printed swatches reproduce colors as accurately as possible. To examine exact colors, send for metal color chips.)

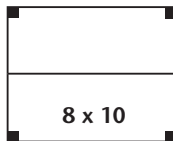
Strongbox Mezzanine™ Systems can be leased over a 60-month period with a \$1.00 buyout at the end of the term. This option allows you to conserve working capital, pay for the system with cash flow, and gain the benefits of the system's use right away.

MODULAR STRONGBOX MEZZANINES™

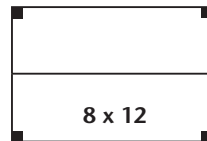
Starter and Add-on Sections — Custom Configurations Available



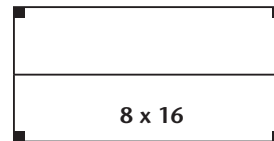
8 x 8



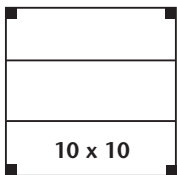
8 x 10



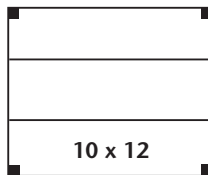
8 x 12



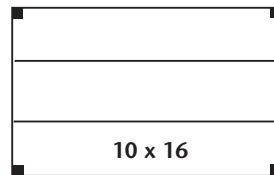
8 x 16



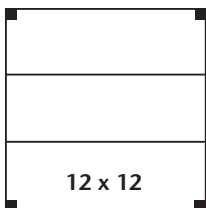
10 x 10



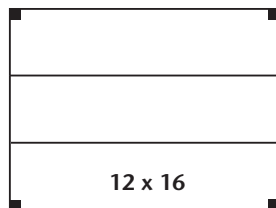
10 x 12



10 x 16



12 x 12



12 x 16

OTHER OPTIONS AVAILABLE:

- Stairs
- Hand Rail
- Swing or Pivot Gates
- Barrier Rails

Strongbox Mezzanines Are Also Available in Structural Steel

- I-beam construction enables longer spans to work over machinery or obstructions.
- Individually engineered for custom configurations.
- Superior resistance to fork lift damage. Components can be heated and reshaped if damaged and will still retain 100% of load-carrying capability.

Other Solutions for your Storage Needs

- Mobile Storage
- Modular Drawers
- Shelving Mezzanines
- Storage Racks
- Steel and Wire Shelving
- Work Benches
- Rolling Ladders and Carts
- Dock Equipment
- Cabinets
- Storage Bins and Trays
- Stainless Steel Equipment
- In-Plant Offices
- Installation Services
- Office Filing and Storage

Contact Specialized Storage Systems for a complimentary assessment of your storage and handling needs.

You can reach us by phone at 201-251-0203, by fax at 201-251-3751, or by e-mail at sales@specializedstorage.com.

Visit us on the web at www.specializedstorage.com.



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