

ResinDek® Fastening Systems

ResinDek Top Side Drill Screws

For conventional top side screw installation, use Cornerstone Specialty Wood Products Collated Standup Screw Gun and collated drill screws. Not only will the collated screw gun save you up to 40% in fastening costs, but it will reduce installation fatigue with its ergonomic design.

The screws are engineered for strength, durability and easy installation. No countersinking or pre-drilling is required as the wings are near the top of the shaft with counterbore for screwheads. The number 2 square drive heads and points easily pierce up to 12 gauge steel decking and is designed to drill through wood and steel decking prior to the threads engaging, thus preventing the panels from lifting.

In addition our collated screws offer the following advantages:

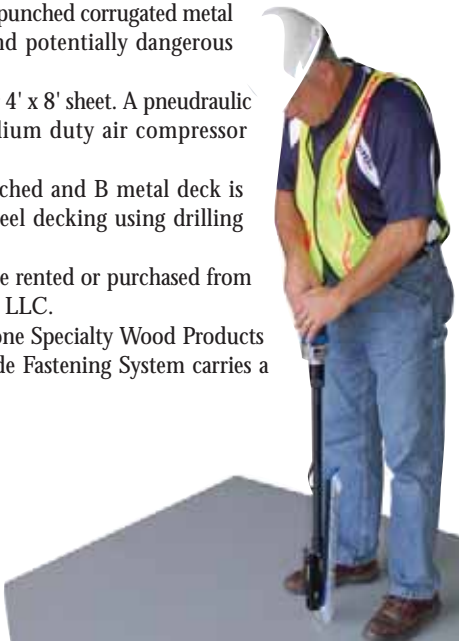
- More consistent screw depth with greater control and settings
- Easy to load screw strips
- Fast and easy bit tip replacements
- Requires minimal training
- Stout # 10 gauge screw
- Zinc coating for high humidity environments resists corrosion
- Your choice of gray or beige drill screws



Invisi-Loc® Underside Fastening System

Invisi-Loc® provides showcase mezzanine floors with no visible fasteners that are dependable, economical and easy to install. The Invisi-Loc® fastening system mounts fasteners under the mezzanine decking hiding unwanted screw holes on top. Plus, when installed with our pre-punched corrugated metal decking, installation time is reduced and potentially dangerous metal shavings are eliminated.

- 20 Invisi-Loc® fasteners are required per 4' x 8' sheet. A pneumatic installation tool and a standard medium duty air compressor supplies the required power.
- Corrugated metal decking is pre-punched and B metal deck is fastened to the bar joists like other steel decking using drilling screws or welding.
- All pneumatic installation tools can be rented or purchased from Cornerstone Specialty Wood Products, LLC.
- When installed according to Cornerstone Specialty Wood Products specifications the Invisi-Loc® Underside Fastening System carries a 10-year warranty.



ResinDek® 10-Year Product Warranty

Cornerstone Specialty Wood Products, LLC hereby warrants all of its ResinDek® panels to be free from defect, structurally sound, and able to safely carry the specified design loads as specified. At our discretion we will either replace or make a reasonable allowance for repair to all ResinDek® panels found to be defective for a period of ten (10) years from date of shipment to jobsite.



ResinDek® Environmental Information

ResinDek® panels have been certified to contain up to 72% Post-Industrial Recycled Content (dry weight basis).

ResinDek® panels can contribute towards LEED® 2013 v3 Certification Credits, with points available for MR Credit 4 and MR Credit 5 where projects are located within a 500 mile radius of Louisville, KY.

ResinDek® **NAF** (No Added Formaldehyde) panels are certified to be urea formaldehyde free and have been lab tested to less than 0.05 ppm.

ResinDek® **NAF** panels can contribute towards LEED® 2013 v3 Certification Credit IEQ 4.4 in addition to MR Credit 4. MR Credit 5 is also available for projects located within a 500 mile radius of Louisville, KY.

Certificates of Achievement have been obtained from Scientific Certification Systems (SCS), an independent certification and standards development company for environmental and sustainability claims.

Please contact Cornerstone Specialty Wood Products, LLC for Achievement Certificates and further details.



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resinDEK®
the panel of expertsSM

Mezzanine Flooring



www.resindek.com



Product and Services Portfolio

ResinDek® flooring panel is the valued engineered solution for industrial work platforms, pick modules, mezzanines and equipment storage. Since 1994, Cornerstone Specialty Wood Products, LLC has installed ResinDek panels in distribution centers, manufacturing plants, cold storage facilities and self-storage facilities for major corporations worldwide. Over the years, we have been able to enhanced our product line, and solve many engineering problems just by working through difficult custom applications with our customers. The initial intent of Cornerstone Specialty Wood Products then and now is “We don’t just make better mezzanine floors...We make mezzanine floors better”.

With this objective in mind the team at Cornerstone Specialty Wood Products has committed themselves to:

- Better products
- Easier installations
- Problem-solving finishes
- Application-specific flooring for all industries
- Excellent field support and product testing
- Environmental concerns (eligible LEED® credits for LEED® certified buildings)
- Material and labor savings for customers

ResinDek® Floor Panels

All ResinDek® engineered flooring panels are custom manufactured with specially sorted and processed wood fibers, customized formaldehyde free resins, and a wax emulsifier. The ingredients are combined and compressed under extremely high pressure and temperature, resulting in a panel with superior physical properties that are especially designed and built to withstand heavy equipment, rolling carts and pallet jack loads.

All ResinDek® panels are custom manufactured and available in sizes from 2' x 2' (610 mm x 610 mm) up to 4' x 10' (1220 mm x 3048 mm). ResinDek® tongue and groove configurations promote effective panel to panel wheel load transfers. When required, tongue and groove configurations are available on all 4 sides.

ResinDek® LD

ResinDek® LD supports up to 2,000 lbs in live and dead pallet truck loads. ResinDek® LD is a tremendous value for warehouse mezzanine floors, elevated floors or rack platforms that require durability, a showcase appearance, and ease of maintenance. With no delamination and a ten-year warranty, ResinDek® LD is an economical and durable alternative to O.S.B. and plywood.

ResinDek® SD

ResinDek® SD is a standard duty mezzanine-flooring panel that provides a durable showcase appearance that is easy to maintain for years. ResinDek® SD is manufactured with a higher density, wood fiber and resin content than the ResinDek® LD, making it the perfect solution for supporting live and dead pallet truck loads up to 2,500 lbs. The ResinDek® SD panel provides a showcase appearance for years to come.

ResinDek® MD

ResinDek® MD is a medium duty mezzanine-flooring panel that is the perfect solution for supporting live and dead pallet truck loads up to 3,500 lbs. The ResinDek® MD is a valued engineered solution that will provide long-lasting durability, aesthetic appeal and is easy to maintain.

ResinDek® HD

ResinDek® HD is a heavy duty mezzanine flooring panel that features the durability, showcase appearance and maintainability of ResinDek®. With even higher density, wood fiber and resin content than MD, HD is the perfect flooring solution for elevated platforms that must support live and dead pallet truck loads up to 4,500 lbs.

ResinDek® Xspan®

ResinDek® Xspan® is a 1-1/8" thick panel that offers the look, maintainability and performance of ResinDek® in a structural flooring solution where a metal corrugated substructure is not required. ResinDek® Xspan® has been extensively tested and is capable of supporting 125 psf. dead loads at 32" center supports and 2,300 lb. pallet truck loads without corrugated metal B deck. Please refer to the website for ResinDek® load spans. ResinDek® Xspan® flooring panels have been approved by IBC Code Officials for use as a structural flooring system in certain applications. Structural supports must be reviewed and approved by Cornerstone Specialty Wood Products, LLC and must be capable of supporting floor loads at specific intervals. For further details, call us and/or your local building code official.

ResinDek® Xspan® FR

Like ResinDek® Xspan®, ResinDek® Xspan® FR (flame resistant) is a structural solution that does not require metal corrugated substructures. Even better, ResinDek® Xspan® FR panels are even stronger than regular ResinDek® Xspan®. This means that a portion of the cost to provide the fire rating can be offset through proper engineering of the flooring system. ResinDek® Xspan® FR is tested and capable of supporting 275 psf dead loads at 32" center supports and 3,000 lb. pallet jack loads (refer to the website for load span tables). Structural supports must be reviewed and approved by Cornerstone Specialty Wood Products, and must be capable of supporting floor loads at specific intervals. For further details, call us and/or your local building code official. ResinDek® Xspan® FR meets ASTM E-84 Class “A” flame spread less than 25, meets UK Class “O”, as well as European standards EN 13501-1 and is rated as C_{FL}-s1.

ResinDek® MAX

ResinDek® MAX is designed and engineered to support electric pallet jacks. At 1-1/2" thick the ResinDek® MAX can withstand both the daily rigors of heavy, electric pallet jack rolling loads and dead loads up to 8,000 lbs. This maximum extreme-duty, structural platform flooring panel provides long-lasting durability and is easy to maintain.

ResinDek® Finishes

Gray Diamond Seal 2™

Gray Diamond Seal 2™ is the standard by which all other coatings in our industry are measured. This superior finish is designed and engineered for long-lasting durability and will look beautiful with a showcase appearance year after year. Gray Diamond Seal 2™ has exceptional resistance to common stains and has been tested in accordance with NEMA LD 3.4 with 29 different reagents.

TriGard™ Coating Technology

TriGard™ coating for ResinDek® panels is the solution for tomorrow’s technology. TriGard™ is specifically engineered and designed to handle the rigorous demands of ultra-high rolling traffic that is typically found in robotic applications. With five times greater wear resistance than Gray Diamond Seal 2™ and 3 times greater scratch resistance, TriGard™ will outlast and outperform any mezzanine floor coating on the market!

ESD — Electrostatic Dissipative Finish

With our Electrostatic Dissipative Finish, ResinDek® ESD mezzanine floor panels provide an outstanding static control solution for industrial structural platforms, mezzanine floors, shelving systems and workstations. ESD provides protection for electrically sensitive devices such as laptops, barcode scanners, servo-drive motors, and pick-to-light systems that are common in distribution centers.

ResinDek® ESD panels have been extensively tested by the testing firm of Stephen Halperin & Associates and have been found to be in compliance with the following ESD Association Specifications:

- **ANSI/ESD S7.1** — Resistive Characterization of Materials–Floor Materials.
- **ANSI/ESD S20.20** — Protection of Electrical and Electronic Parts, Assemblies and Equipment.
- **ANSI/ESD STM97.1** — Floor Materials and Footwear–Resistance Measurement in Combination with a Person.

ResinDek® Mezzanine Floor Panels

Product Name	Pallet Jack Load Limits **	Thickness	Finishes Available			
			UF	GDS2	ESD	TriGard™
ResinDek® LD	up to 2,000 lbs.	3/4"	■	■	■	■
ResinDek® SD	up to 2,500 lbs.	3/4"	■	■	■	■
ResinDek® MD	up to 3,500 lbs.	3/4"	n/a	■	■	■
ResinDek® HD	up to 4,500 lbs.	3/4"	n/a	■	■	■
ResinDek® MAX	up to 8,000 lbs.	1-1/2"	n/a	■	■	■
* ResinDek® Xspan®	up to 3,000 lbs.	1-1/8"	n/a	■	■	■
* ResinDek® Xspan® FR	up to 3,800 lbs.	1-1/8"	n/a	■	■	■

Finishes Available

- Unfinished
- Gray Diamond Seal 2™
- ESD Certified Static Control
- TriGard™

Options

- Invisi-Loc® fasteners
- T & G Configurations
- No Added Formaldehyde

All ResinDek Products can contribute towards earning points for LEED® qualified buildings.

* No Corrugated Required
** Includes Weight of Pallet Jack