

**1.** ResinDek<sup>®</sup> should be installed over corrugated metal B-decking or an existing mezzanine floor surface. ResinDek is not intended for exterior applications. **RESINDEK PRODUCTS NOT INSTALLED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS WILL VOID ALL WARRANTIES.**

**2.** ResinDek panels must be kept dry in transit, storage, during and after installation. Panels should be stored flat in a level position.

**3. ResinDek Installation Process:**

- Begin installation by setting a true line with a laser or transit less than 48" from one edge of mezzanine
- Leave a 3/8" gap/space **on outer edges** of ResinDek, and leave 1/8" gap/space **between** ResinDek panels. Trim the last row of panels to allow for the 3/8" gap/space on outer edges of ResinDek perimeter.
- Panel spacers are included in ResinDek installation kits or attached to each unit of ResinDek. Insert metal spacers (2 along one long edge, 1 along a short edge) between all adjacent panels. **FAILURE TO USE METAL PANEL SPACERS MAY ALLOW FLOOR TO BUCKLE AND WILL VOID ALL WARRANTIES.**
- Attach panels to corrugated metal B-deck or other approved subflooring using a minimum of 20 fasteners per 4' x 8' sheet. (See figure A) For best results, use ResinDek screws furnished by Cornerstone Specialty Wood Products. Fasteners should be located a minimum of 1" from tongue and groove edges and from square edges. Remove panel spacers and insert between next panels.
- Be sure that panels are installed with the correct face on top. When correctly laid, the arrow on the square edge of the panel should point up and panels should have a space of a panel spacer's width around the perimeter of each ResinDek panel, and about 1/4" on the underside of the tongue and groove. The gap/space will always be larger on the underside.
- Stagger panels so that joints break on different ribs wherever possible
- ResinDek can be installed with the long direction parallel or perpendicular to the corrugated metal B-deck. All panel joints should break on

ribs. 6" wide x 20 gauge minimum steel shims must be used when ResinDek breaks on a valley. (See figure B)

- Fasteners must be long enough to penetrate both the ResinDek and the subfloor. Secure each panel with a minimum of four fasteners before installing the next panel. Use only screw guns with a nose clutch to countersink screw heads. **DRIVE FASTENERS SO THAT THE COUNTERSUNK HEAD IS JUST BELOW THE PANEL SURFACE.**
- ResinDek can be trimmed to size with ordinary power saws. Use carbide tipped blades for best results.
- 3/8" perimeter gaps/space can be hidden with toe strips or kick plates

**4. ResinDek Pallet Load Recommendations (pallet jack and load)**

Do Not Exceed the (live and dead load) weights as follows per specified panel:

- ResinDek<sup>®</sup> XLD<sub>50</sub> 1,250 lbs. maximum
  - ResinDek<sup>®</sup> LD<sub>50</sub> 2,000 lbs. maximum
  - ResinDek<sup>®</sup> LD 2,000 lbs. maximum
  - ResinDek<sup>®</sup> MD 3,000 lbs. maximum
  - ResinDek<sup>®</sup> HD 4,500 lbs. maximum
  - ResinDek<sup>®</sup> MAX 8,000 lbs. maximum
- Substructures must be capable of supporting the above loads. Failure of substructure may result in local failure of ResinDek. Use 20 gauge or heavier corrugated metal B-deck for substructure. 18 gauge is recommended for 2,500 lb. loads or greater.

**5. ResinDek Cleaning & Maintenance**

- If ResinDek with Clear Diamond Seal<sup>®</sup>, Gray Diamond Seal<sup>®</sup> or ESD finish has been installed, the surface is quite cleanable and durable. Unfinished ResinDek will clean up similar to other unfinished wood products.
- ResinDek with Clear Diamond Seal<sup>®</sup>, Gray Diamond Seal<sup>®</sup> or ESD finish can be easily cleaned using a damp mop and/or ordinary cleaning solvents. Do not use methylene chloride or paint thinners on ResinDek.
- Prolonged and extensive soaking, hosing down, or wetting of all ResinDek products must be avoided.

**WARNING: UNDER CONDITIONS OF EXTREME HUMIDITY, RESINDEK<sup>®</sup> MAY BE PRONE TO LINEAR EXPANSION.**

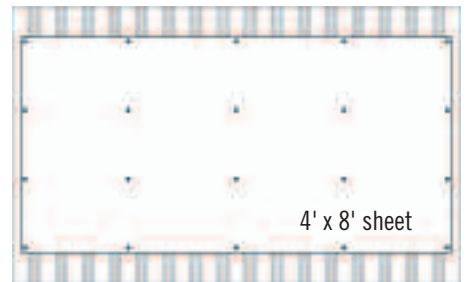


Figure A Fastener Pattern

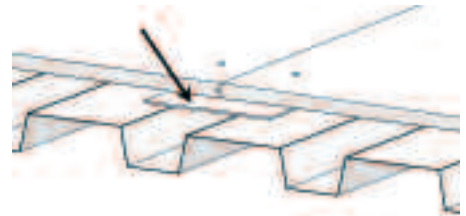


Figure B When ResinDek breaks on a valley use 6" wide 20 Ga. min. steel shims. Avoid using wood blocks, which may cause panel joints to become uneven.



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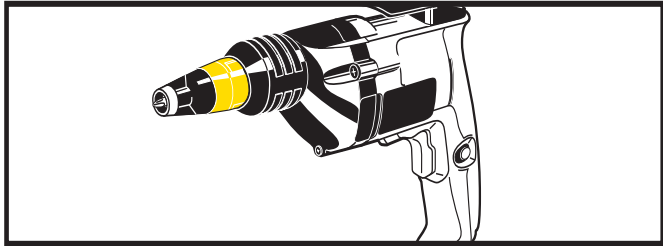
**CORNERSTONE**  
SPECIALTY WOOD PRODUCTS, LLC<sup>TM</sup>

10179 Wayne Avenue  
Cincinnati, OH 45215  
Toll Free: 888.755.3048  
Tel: 513.772.5560  
Fax: 513.772.5561  
www.resindek.com



# WARNING:

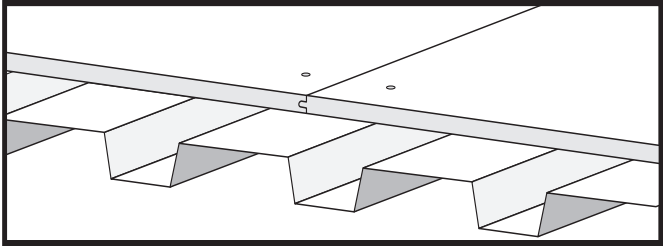
Common installation mistakes that can void your 7-year Warranty



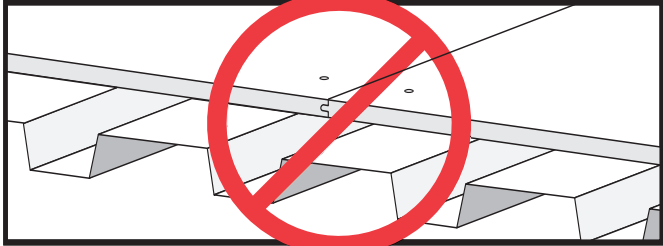
Must use screw driver/gun with operable clutch for consistent screw depth setting. For best results use stand-up screw gun.



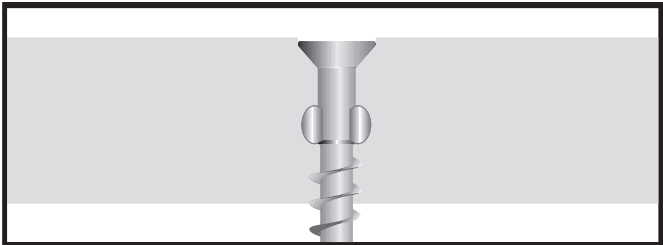
Do not use screw driver/gun with no clutch or a broken clutch.



Panels must meet on high points (ribs) of corrugated B-decking.



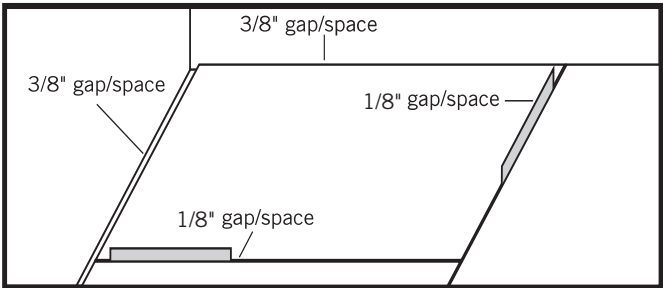
Do not place panel edges on top of corrugated B-decking low points (valley).



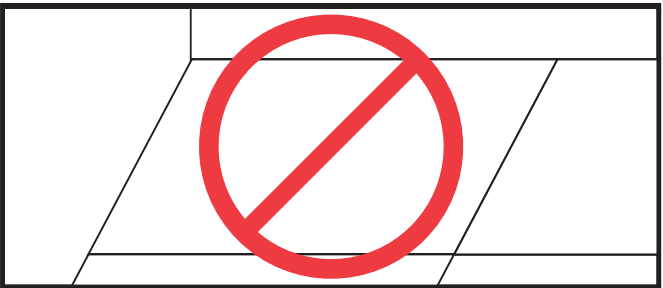
Approved screws must be placed just below the panel surface.



Do not place approved screws too high or too low in the panels.



Use 1/8" metal spacers between panels for correct spacing. 3/8" space/gap on outer edges (perimeter).



Do not install panels without 3/8" gap/space on outer edges of panel and 1/8" gap/space between panels.

Detailed ResinDek installation instructions are on the back of this page and should be reviewed prior to starting installation of all ResinDek Products.

**FAILURE TO INSTALL RESINDEK® AS INSTRUCTED WILL VOID ALL WARRANTIES**

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SPECIALTY WOOD PRODUCTS, LLC™

10179 Wayne Avenue | Cincinnati, OH 45215

Toll Free: 888.755.3048

Tel: 513.772.5560 | Fax: 513.772.5561

www.resindek.com