

This document sets forth ResinDek® panels covered under Cornerstone Specialty Wood Products, LLC® (CSWP) 10 year warranty. CSWP warrants the covered panels to be free from defect, structurally sound, and able to safely carry specified design loads. At its option, CSWP will replace or make a reasonable allowance for repair to any covered ResinDek panel found to be defective for ten (10) years from the date of shipment to the job-site. This warranty is between CSWP and its customer and transfers to the end user for the full warranty term.

- All panels must be installed with approve fasteners, used and maintained in accordance with ResinDek Installation Instructions. ResinDek panels are intended for interior applications.
- All ResinDek panels must be properly unloaded, protected and stored in a dry environment prior to their installation.
- Refer to the table below for uniform loads, total robot loads and contact pressures. ResinDek Xspan® and Xspan® FR must be supported at intervals approved in advance by CSWP with structural supports capable of withstanding loads imposed. Fastener number, pattern and type must be approved in advance by CSWP. The gauge and type of corrugated metal decking and/or beam spacing for the load on the floor must also be approved by CSWP.

Product Name	B-Deck Gauge	Pallet Jack & Product Load Limits	Robot & Product Load Limits	Maximum Robot Contact Pressure
ResinDek® LD	(20ga/0.9mm) <sup>1</sup>	up to 2,000 lbs/910 kg	up to 500 lbs/230 kg	500 psi/3.4 MPa
ResinDek® MD ResinDek® MD	(20ga/0.9mm) (18ga/1.2mm)	up to 2,500 lbs/1,135 kg up to 3,500 lbs/1,590 kg	up to 2,000 lbs/910 kg up to 3,000 lbs/1,365 kg	750 psi/5.2 MPa 1,000 psi/6.9 MPa
ResinDek® HD ResinDek® HD	(18ga/1.2mm) B Deck Not Required <sup>1,2</sup>	up to 4,500 lbs/2,045 kg N/A	up to 4,000 lbs/1,815 kg up to 750 lbs/345 kg	1,200 psi/8.3 MPa 750 psi/5.2 MPa
ResinDek® WR	(20ga/0.9mm) <sup>1</sup>	up to 2,000 lbs/910 kg	up to 500 lbs/230 kg	500 psi/3.4 MPa
ResinDek® MAX	(18ga/1.2mm)	up to 8,000 lbs/3,360 kg	up to 6,000 lbs/2,725 kg	1,500 psi/10.3 MPa
ResinDek® Xspan®	B Deck Not Required <sup>3</sup>	up to 3,000 lbs/1,365 kg	up to 2,500 lbs/1,135 kg	900 psi/6.2 MPa
ResinDek® Xspan® FR	B Deck Not Required <sup>3</sup>	up to 3,000 lbs/1,365 kg	up to 2,500 lbs/1,135 kg	900 psi/6.2 MPa
ResinDek® ReShield™	No B Deck <sup>4</sup>	up to 3,500 lbs/1,590 kg	up to 3,000 lbs/1,365 kg	1,000 psi/6.9 MPa

#### CHART NOTES:

- Not Suitable for AGVs
  - ResinDek HD robot and product load values to the left are calculated with 225 psf uniform loads at 16"/406mm center supports
  - ResinDek Xspan and Xspan FR load values to the left are calculated with 375 psf uniform loads at 16"/406mm center supports
  - ResinDek ReShield allowable loads are dependent upon the substrate that it is being installed on
- For flooring used with corrugated B Deck: Please note load values to the left are calculated on 36"/914mm beam spacing, increased spacing will increase deflection and/or decrease capacity.
  - For flooring solutions with no B Deck: All allowable loads are based on a two span condition. Uniform load values are based on L/240 deflections, any deviation can positively or negatively impact these values. Please contact Cornerstone for other span conditions. The calculations and load tables to the left have been compiled based on specified calculation methods and assumptions. The loads provided are for the purpose of information for preliminary studies and can not be used as a reference in structural studies. Contact an accredited engineering office or architect to perform a complete stability analysis.

Product Name	Beam Spacing					
		16" 400 mm	24" 600 mm	32" 800 mm	40" 1,000 mm	48" 1,200 mm
ResinDek® HD Panel Thickness: 3/4" (19mm) <i>For AMRs only</i>	Uniform Loads (lbs/ft <sup>2</sup> )	225 10.9 kN/m <sup>2</sup>	125 6.1 kN/m <sup>2</sup>			
	Total Robot & Product Load (lbs)	750 345 kgs	500 230 kgs			
	Contact Pressure (psi)	750 5.2 MPa	500 3.4 MPa			
ResinDek® Xspan® / Xspan® FR Panel Thickness: 1-1/8" (28 mm)	Uniform Loads (lbs/ft <sup>2</sup> )	375 18.1 kN/m <sup>2</sup>	225 10.9 kN/m <sup>2</sup>	125 6.1 kN/m <sup>2</sup>		
	Total Robot & Product Load (lbs)	2,500 1,135 kgs	2,000 910 kgs	1,500 685 kgs		
	Contact Pressure (psi)	900 6.2 MPa	750 5.2 MPa	600 4.1 MPa		
	Allowable Pallet Jack Loads (lbs)	3,000 1,365 kgs	2,700 1,230 kgs	2,300 1,045 kgs	2,000 910 kgs	1,500 685 kgs

- Testing was completed with polyurethane wheels, any deviation or alternative wheels such as crowned, steel or plastic could void the warranty. Contact pressure values are to be used as a guide. Electric Pallet Jacks are assessed differently and are not addressed in this warranty. Contact CSWP for a specific warranty to cover these special applications.
- The calculations and load table above have been compiled based on specified calculation methods and assumptions. The loads provided are for the purpose of information for preliminary studies and cannot be used as a reference in structural studies. Contact an accredited engineering office or architect to perform a complete stability analysis.
- There is no warranty coverage for acts of God, exposure to extreme weather or prolonged exposure to standing water. ResinDek WR can withstand outdoor/indoor exposure to water for up to 120 days.
- CSWP must be notified promptly in the event of a problem with any of its materials, and given a minimum of two weeks notice to correct the problem on its own, and/or personally visit the site if necessary, prior to any repairs and remedies by others.



Manufactured by: **CORNERSTONE**  
SPECIALTY WOOD PRODUCTS, LLC®

# 10-YEAR PRODUCT WARRANTY

## THIS WARRANTY IS OFFERED EXCLUSIVELY BY **CORNERSTONE SPECIALTY WOOD PRODUCTS, LLC®**

- This 10-year ResinDek Product Warranty is designed exclusively for our ResinDek customers and is transferable to the end user.
- The 10-year ResinDek Product Warranty is designed to ensure our customers and end users that they have purchased AUTHENTIC ResinDek flooring panels and not a generic resin board product.
- Cornerstone Specialty Wood Products stands behind ResinDek flooring projects and purchases. ResinDek flooring panels are an exclusive patented engineered product that has been tested and proven for long-term performance.
- The Cornerstone Specialty Wood Products advanced research and engineering facility also known as RD Performance Advantage, leads the industry in innovation, panel performance testing, quality and field testing.
- The commitment of taking care of our customers is core to our product and business.
- We support you and your elevated work platform flooring requirements today and tomorrow through the continued evolution of our product offerings.
- By continually evolving in product developments, testing, research and experience we lead the industry with our RD Performance Advantage.
- Our team of experts features degrees in Mechanical Engineering, Civil Engineering and Wood Science Technology with over 100 collective years of industry experience.
- Team professionals and engineered patent-pending test equipment provide customers of ResinDek panels the peace of mind for top performing floors today and tomorrow.
- With the attached ResinDek Product Warranty, you can rest assured your floor will withstand the loads, traffic and repetitive movement required by your business.



Job Name: \_\_\_\_\_ Order Number: \_\_\_\_\_

Location: \_\_\_\_\_

Installation Date: \_\_\_\_\_

Signature: \_\_\_\_\_