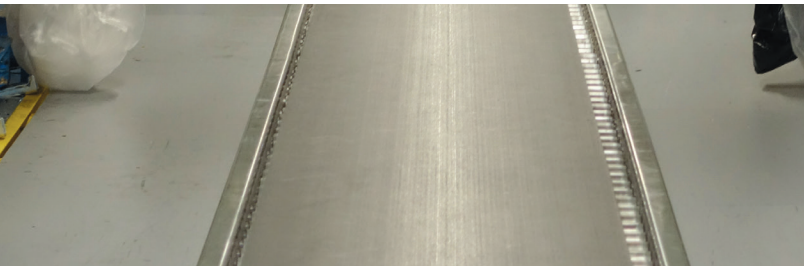




# resinDEK®

## COLD STORAGE DISTRIBUTION CENTER FREEZES OUT HIGH COSTS ◆ A RESINDEK® SUCCESS STORY



### A COLD STORAGE DISTRIBUTION CENTER FREEZES OUT HIGH COSTS BY SWITCHING TO RESINDEK® FLOORING PANELS

In 2003, Gordon Food Service, a privately held family owned food service company with 24 distribution centers across North America was looking for an alternative flooring solution on their elevated work platforms for their cold storage facilities. They had used concrete, bar grate and polydeck in the past, but for various reasons they were not satisfied. They decided to try ResinDek® flooring panels. They were so impressed with the strength and durability of ResinDek panels that they installed over 375,000 sqft of ResinDek® Xspan® in three of their distributions centers (Kenosha, WI, Douglasville, GA, and Imperial PA).

ResinDek flooring panels, manufactured by Cornerstone Specialty Wood Products®, are the value engineered elevated flooring solution for cold storage environments. ResinDek panels provide the strength you associate with a concrete floor, yet saves you tens of thousands of dollars, is easier to walk on than bar grate and will not delaminate like polydeck. But don't take our word for it: read what the Warehouse Director at the Imperial Facility had to say about ResinDek flooring.

*"We have been pleasantly surprised at the durability of the ResinDek panels",* said David Fredrick, Warehouse Director at the Imperial Facility. *"In the past we have used concrete, bar grate, and polydeck. Our space is subjected to temperatures ranging from 55OF. to -200F., and we do not "baby" our floors. Each flooring type has its advantages and disadvantages, but ResinDek panels are a solid choice for us. They are less expensive than concrete, and easier to walk and transport our products on than bar grate. We are moving 6,000 cases per day from this facility, so our floors see a lot of traffic."*



Since 1994, ResinDek® flooring panels have been installed in distribution centers, manufacturing plants, cold storage facilities and self-storage facilities for major corporations worldwide. The intent of Cornerstone Specialty Wood Products, LLC® then and now is “We don’t just make better mezzanine floors...We make mezzanine floors better”. Cornerstone Specialty Wood Products, LLC has earned a reputation for high quality products that are reliable, durable and competitively priced. All ResinDek panels can contribute towards earning LEED® credits and when required are available with FSC certification. Additionally, ResinDek panels have been independently, ergonomically tested and proven to more comfortable to walk and work on when compared to concrete and bar grate, thus reducing the chance for injury caused by tibial shock.



With seven different grades of ResinDek flooring panels, Cornerstone Specialty Wood Products has a wide range of offerings to withstand every type of traffic imaginable. Whether your application has foot traffic, light carts, or even heavy rolling or point loads, all ResinDek panels are covered with a full 10 year product warranty.

### WHY USE RESINDEK?

Besides ResinDek’s structural integrity, durability, environmental and ergonomic advantages, it is quite common to save \$4 to \$5 per square foot when using ResinDek instead of concrete

on elevated platforms. With a properly designed flooring system, using ResinDek instead of concrete reduces the flooring system dead weight by 90%! The reduced weight, coupled with an increased allowable deflection, allows for a significant reduction in the amount of steel in the substructure. As an added bonus, concrete footings can be significantly reduced, and sometimes eliminated altogether for even greater savings. In other words, reduced flooring system weights, combined with smaller footings, less steel, and greater allowable deflections equals Big Savings!

Product Name (B Deck Gauge)	Pallet Jack & Product Load Limits	Robot & Product Load Limits	Maximum Robot Contact Pressure	Thickness	Weight (PSF)		UF	Optional Finishes			
					ResinDek®	ResinDek® with MetaGard®		Gray Diamond Seal® Antistatic	Gray Diamond Seal® ESD	TriGard® ESD	MetaGard®
ResinDek® LD (20ga) <sup>1</sup>	up to 2,000 lbs.	up to 500 lbs.	500 psi	3/4"	2.8	4.2	✓	✓	✓	✓	✓
ResinDek® MD (20ga) ResinDek® MD (18ga)	up to 2,500 lbs. up to 3,500 lbs.	up to 2,000 lbs. up to 3,000 lbs.	750 psi 1,000 psi	3/4"	3.5	4.9	✓	✓	✓	✓	✓
ResinDek® HD (18ga) ResinDek® HD - B Deck Not Required <sup>1,2</sup>	up to 4,500 lbs. N/A	up to 4,000 lbs. up to 750 lbs.	1,200 psi 750 psi	3/4"	3.8	5.2	✓	✓	✓	✓	✓
ResinDek® MAX (18ga)	up to 8,000 lbs.	up to 6,000 lbs.	1,500 psi	1-1/2"	7.6	N/A	N/A	✓	✓	✓	✓
ResinDek® Xspan® B Deck Not Required <sup>3</sup>	up to 3,000 lbs.	up to 2,500 lbs.	900 psi	1-1/8"	5.2	6.6	✓	✓	✓	✓	✓
ResinDek® Xspan® FR B Deck Not Required <sup>4</sup>	up to 3,800 lbs.	up to 3,500 lbs.	1,250 psi	1-1/8"	6.0	7.6	N/A	✓	✓	✓	✓

### NOTES:

- <sup>1</sup> Not Suitable for AGVs
- <sup>2</sup> ResinDek HD robot and product load values above are calculated with 225 psf uniform loads at 16" center supports
- <sup>3</sup> ResinDek Xspan load values above are calculated with 375 psf uniform loads at 16" center supports
- <sup>4</sup> ResinDek Xspan FR load values above are calculated with 450 psf uniform loads at 16" center supports

- For flooring used with corrugated B Deck: Please note load values above are calculated on 36" beam spacing, increased spacing will reduce capacity. Floor deflection is L/240
- 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.



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