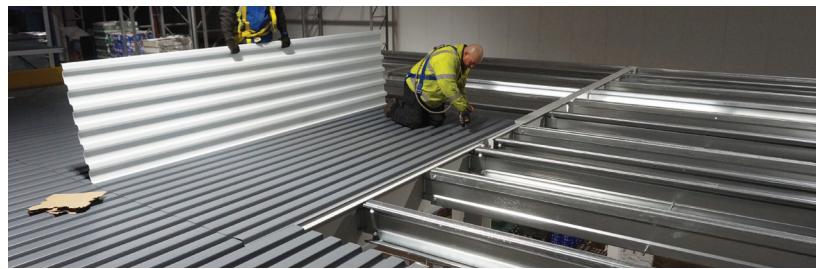




resinDEK®

LARGE GROCERY CHAIN INCREASES SPACE WHILE SAVING ◆ A RESINDEK® SUCCESS STORY



LARGE GROCERY STORE CHAIN INCREASES COOLER WAREHOUSE SPACE WHILE SAVING TIME & MONEY ON A WARRANTED PRODUCT

A German-based chain of discount supermarkets with worldwide operations. From its German origins in the 1930's, the company has grown to more than 9,000 stores in different parts of Europe, including 580 retail stores in the UK. To properly service these stores, high efficiency warehouse distribution centers are required within a short distance. A recent rapid growth has required an elevated platform to be constructed within the existing chiller portion of the warehouse. With speed, economy and a warrantable solution high on the list, they decided to use ResinDek® MAX for the solution.

The mezzanine had to store large heavy pallets of dairy products that had to be moved about with an electric pallet truck. The combined live and dead load of 7,275 lbs narrowed the decking choices to three:

- Concrete, which was expensive and impractical with the very cool temperatures in the chiller at 37° F. and working around existing structures.
- 1.5" Chipboard with a steel overlay was less expensive, but did not come with a warranty.
- ResinDek® Max

ResinDek® MAX was chosen because of its economical solution and its exclusive warranty. *"Our biggest initial concern was timing,"* said the Procurement Manager. *"We had our pre-construction meeting in late August, and needed to have the structure operational by early December. There were 7 different trades that had to work around our existing operations in a tight space. Mezzanine International and Cornerstone Specialty Wood Products® came to the initial meeting, and found a way to get the project delivered on time."*

Cornerstone Specialty Wood Products, LLC® has earned a reputation for high quality products that are reliable, durable and competitively priced. Cornerstone Specialty Wood Products offers a full spectrum of sales support and will be with you every step of the way, from the design phase, to the coordination to the jobsite, to the delivery, to the installation of the ResinDek® flooring panels and beyond.



“Cornerstone Specialty Wood Products provided excellent installation support for this mezzanine,” said jobsite Project Manager. “They were able to deliver the ResinDek® MAX and B Deck all the way from the United States to our job site in Lutterworth within 6 weeks after the order was placed. When we were ready for assembly, Cornerstone Specialty Wood Products provided on-site support for 2-1/2 days. During the time of order processing, they ran a simulated load test to verify that our installation could be warranted for the exact beam spacing, load and beam type that we were planning to use. After the completion of the project, Cornerstone Specialty Wood Products sent two representatives to meet with us and the end user to assist with minor repairs and to provide advice regarding cleaning and maintenance of the ResinDek MAX. The service and support that we received on this project were exceptional.”



THE RESINDEK VALUE PROPOSITION

Since 1994, ResinDek® flooring panels have been installed in distribution centers, manufacturing plants, cold storage facilities and self-storage facilities for major corporations worldwide. 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.

ResinDek moisture resistant, engineered panels provide a tremendous value for elevated floors in storage facilities that require durability, a showcase appearance, and ease of maintenance. ResinDek floor panels have proven structural integrity and support live and dead pallet jack loads from 2,000 – 8,000 lbs. ResinDek panels are custom manufactured and available in sizes up to 4' x 10'.

The superior Gray Diamond Seal® Antistatic finish (formerly known as “Gray Diamond Seal 2”) is designed and engineered for long-lasting durability and will look beautiful with a showcase appearance year after year. Gray Diamond Seal Antistatic has exceptional resistance to common stains and has been tested in accordance with NEMA LD 3.4 with 29 different reagents, and has been proven to be extremely easy to keep clean. In addition, the textured finish meets OSHA Standards for coefficient of friction regardless of whether the floor becomes wet, dry, dirty, or clean!

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) ¹	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 ^{1,2}	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 ³	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 ⁴	up to 3,800 lbs.	up to 3,500 lbs.	1,250 psi	1-1/8"	6.0	7.6	N/A	✓	✓	✓	✓

NOTES:

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