

RESINDEK® XSPAN® SAVES AN INSTALLATION STEP

◆ A RESINDEK® SUCCESS STORY

SAVE AN INSTALLATION STEP WITH RESINDEK® XSPAN®

Lodi Metal Tech, Inc. (LMT) designed and constructed a shelving supported mezzanine for a Western California distribution center and used ResinDek(r) Xspan(r) for the work platform decking for several reasons. ResinDek® Xspan® was selected because it could support the load and the corrugated metal roof decking could be eliminated, saving Lodi Metal Tech, Inc. an installation step. With the cold-formed structural supports placed at 24" on center and ResinDek Xspan panels the result was an incredibly strong shelving unit. An added benefit was the white underside of ResinDek Xspan that reflects light to provide a brighter work environment below. Lodi Metal Tech, Inc. has cost effectively assisted the client in organizing their supplies for a fast orderly discharge from this Western California distribution center by using ResinDek Xspan.

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® <i>B Deck Not Required</i> ³	up to 3,000 lbs.	up to 2,500 lbs.	900 psi	1-1/8"	5.2	6.6	✓	✓	✓	✓	✓
ResinDek® Xspan® FR <i>B Deck Not Required</i> 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.