

ResinDek® Flooring Panels for AGVs & AMRs

For use with Corrugated B-Deck

Product Name	Robot & Product Load Limits	Maximum Contact Pressure	Robot Load Type	B-Deck Thickness
ResinDek® LD Panel Thickness: 3/4"	up to 500 lbs.	500 psi	AMR	20 ga.
ResinDek® MD Panel Thickness: 3/4"	up to 2,000 lbs.	750 psi	AMR, AGV	20 ga.
	up to 3,000 lbs.	1,000 psi	AMR, AGV	18 ga.
ResinDek® HD Panel Thickness: 3/4"	up to 4,000 lbs.	1,200 psi	AMR, AGV	18 ga.
ResinDek® MAX Panel Thickness: 1-1/2"	up to 6,000 lbs.	1,500 psi	AMR, AGV	18 ga.

NOTES:

- Testing was completed with polyurethane caster wheels and any deviation or alternative wheels such as crowned, steel or plastic could void the warranty. Contact CSWP for more information.
- Contact pressure values are to be used as a guide. Please consult factory for specific robot usage.
- Please note load values above are calculated on 36" beam spacing, increased spacing will reduce capacity. Floor Deflection is L/240.