

# 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
<b>ResinDek® LD</b> Panel Thickness: 19 mm	up to 230 kgs	3.4 MPa	AMR	0.9 mm
<b>ResinDek® MD</b> Panel Thickness: 19 mm	up to 910 kgs	5.2 MPa	AMR, AGV	0.9 mm
	up to 1,365 kgs	6.9 MPa	AMR, AGV	1.2 mm
<b>ResinDek® HD</b> Panel Thickness: 19 mm	up to 1,815 kgs	8.3 MPa	AMR, AGV	1.2 mm
<b>ResinDek® MAX</b> Panel Thickness: 38 mm	up to 2,725 kgs	10.3 MPa	AMR, AGV	1.2 mm

## 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 914 mm beam spacing, increased spacing will increase deflection and/or decrease capacity.