

ResinDek® Xspan® Flooring Panels

28 mm Thick Single Panel Solution - No Corrugated B-Deck Required

Beam Spacing	400 mm	600 mm	800 mm	1,000 mm	1,200 mm
Uniform Loads (kN/m ²)	18.1	10.9	6.1	3.8	2.5
Total Pallet Jack & Product Load (kgs)	1,365	1,230	1,045	910	685
Total Robot & Product Load (kgs)	1,135	910	685	N/A	N/A
Robot Contact Pressure (MPa)	6.2	5.2	4.1	N/A	N/A

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.
- Robotic contact pressure values are to be used as a guide. Consult CSWP for specific robot usage.
- 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. The calculations and load table above have been compiled based on specified calculation methods and assumptions. The loads provided are for the purpose of information for preliminary studies and cannot be used as a reference in structural studies. Contact an accredited engineering office or architect to perform a complete stability analysis.