


RibCore by Trusscore is a high-strength PVC corrugated panel that is long-lasting, cost effective, and simple to install and maintain. Ideal for a broad range of agricultural, commercial, industrial, and even residential applications including usage on the ceiling. RibCore by Trusscore is engineered to support the installation of insulation behind panels, often referred to as backloading, for common types of insulation found in applications.

When used for ceiling applications at joist spans of 24" and 48" the following table can be used as a guideline to determine expected panel deflection based on the overall weight of the insulation above.

Weight of Insulation (lb./ft ²)	3" RibCore	
	Deflection (mm/in) (With 3 Screws Along Joist)	
	24" On-Center Joist Spacing	48" On-Center Joist Spacing
0.50	2.05/0.081	2.92/0.115
0.67	2.24/0.088	4.43/0.174
0.83	2.69/0.106	5.26/0.207
1.00	2.98/0.117	6.04/0.238
1.50	4.29/0.169	8.62/0.339

 We do not recommend exceeding the maximum loading condition of insulation shown when using RibCore by Trusscore. Consult the [RibCore Installation Guide](#) to achieve the best results.