

Product Information Bulletin

Radon Guard™ Insulation Installation Data



Radon Guard™ insulation¹ is a patent-pending sub-slab depressurization panel that directs soil gas movement between the ground and the air barrier system to a vent pipe. This bulletin provides guidance on recommended PlastiSpan insulation types based upon maximum specified loads.

Radon Guard insulation can be manufactured using a variety of PlastiSpan insulation types to meet specified loads for building applications. The table below provides maximum factored (specified) load that can be transferred to various PlastiSpan insulation types .

PlastiSpan Insulation Type ²	Maximum Factored Load		Minimum Soil Bearing Capacity		Typical Building Application
	psf	kPa	psf	kPa	
PlastiSpan HD	235	11	940	45	Residential
PlastiSpan 20	261	13	1,044	50	Light Commercial/Industrial
PlastiSpan 30	392	19	1,566	75	Medium Commercial/Industrial
PlastiSpan 40	522	25	2,089	100	Heavy Commercial/Industrial

¹ See Plasti-Fab Product Information Bulletin 294 for additional product information on Radon Guard insulation.

² See Plasti-Fab Product Information Bulletin 1006 for complete material property data on the listed PlastiSpan insulation types.