

Aluminum VS HC Panel							
Aluminum	Thickness	GSM	Bending test-HC method	Static pressure strength	Surface wear resistance	Impact Resistance	Processing, connectivity
	5.8-5.9mm	13803g/m ²	1600N	/	√	√	√
HC panel with polyurea (4+3-160 core) +0.5 mm polyurea	10.7-11.3mm	5392g/m ²	2350N	4.32MPa	√	√	√
Honeycomb panels can replace 5mm patterned aluminum panels, and their static load performance can meet the requirements. Concidering the surface wear resistance and impact resistance, adding polyurea layer can meet these requirements.							

