

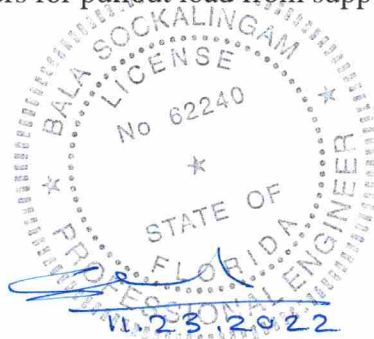
KINGSPAN INSULATED PANELS, INC.
K-ROC Mineral Fiber Wall Panel
Allowable Inward and Outward Loads

Panel Description	Support Spacing (in)	Allowable Design Loads (psf)			
		Inward Load	Outward Load		
			Through Fastening		Concealed Fastening
			AS	SS	DS
K-Roc	48	103.5	68.3	49.4	
	54	92.0	60.7	43.9	
	60	82.8	54.6	39.5	21.3
	66	75.3	49.6	35.9	20.6
	72	69.0	45.5	32.9	20.0
	78	63.7	42.0	30.4	19.3
	84	59.1	39.0	28.2	18.7
	90	55.2	36.4	26.3	18.0
	96	51.8	34.1	24.7	17.4
	102	48.7	32.1	23.2	16.7
Min. 26 ga. Exterior & Interior Skins	108	43.6	30.3	21.9	16.1
	114	39.1	28.7	20.8	15.4
	120	35.3	27.3	19.8	14.8
	126	32.0	26.0		
	132	29.2	24.8		
	138	26.7	23.7		
	144	24.5	22.8		
	Panel Core Thickness: 4", 6" or 8"				

Notes:

1. Allowable load is the lower value of panel strength & deflection limit of L/180
2. SS denotes single span, DS denotes two or more spans and AS denotes all span conditions.
3. The bold numbers indicate design loads obtained from test report.
4. Panels must be installed as per Kingspan current installation procedure.
5. The structural capacity of support beam are not considered and must be examined independently.
6. Panels will be through fastened with 1/4"14 or -20 SDS with 1-1/8" washer. Fasteners are located 6" from each sidelap and 15" o.c. at each support. Fasteners must be designed by others for pullout load from support.
7. Panels may be fastened at interior supports with 12 ga. clip and (2) 1/4"-14 or -20 SDS, the clip fasteners must be designed by others for pullout load from support.

1216 N Lansing Ave., Suite C
Tulsa, Ok 74106
918 492 5992



Bala Sockalingam, Ph.D., P.E.