

MAXIMUM SPANS FOR UNIFORM LOADS
PANEL DESCRIPTION: .020" STEEL/2.0 pcf POLYISOCYANURATE FOAM

Panel Thickness (Inches)	<u>UNIFORM LOAD (PSF)</u>								
	5			10			15		
	STR	L/240	L/180	STR	L/240	L/180	STR	L/240	L/180
3	22.4	20.2	23.1	15.9	14.2	16.6	15.0	11.2	13.3
4	26.0	24.9	28.3	18.4	17.8	20.6	17.3	14.2	16.7
5	29.0	29.4	33.2	20.5	21.1	24.4	19.4	16.9	19.8
6	31.8	33.4	37.9	22.5	24.2	27.8	21.2	19.5	22.8

Panel Thickness (Inches)	<u>UNIFORM LOAD (PSF)</u>								
	20			25			30		
	STR	L/240	L/180	STR	L/240	L/180	STR	L/240	L/180
3	13.0	9.3	11.2	11.6	7.9	9.7	10.6	6.9	8.5
4	15.0	11.8	14.2	13.4	10.1	12.3	12.2	8.9	10.9
5	16.8	14.2	16.9	15.0	12.2	14.8	13.7	10.8	13.1
6	18.4	16.5	19.5	16.4	14.3	17.1	15.0	12.6	15.3

Panel Thickness (Inches)	<u>UNIFORM LOAD (PSF)</u>					
	35			40		
	STR	L/240	L/180	STR	L/240	L/180
3	9.8	6.1	7.6	9.2	5.4	6.9
4	11.3	7.9	9.8	10.6	7.1	8.9
5	12.7	9.6	11.8	11.9	8.6	10.8
6	13.9	11.2	13.8	13.0	10.2	12.6

1. Allowable spans are in feet.
2. The value under "STR" is governed by panel strength including bending and shear.
3. Bending safety factor is 2.5 for 5 PSF and 10 PSF (Interior Partition Loads) and 1.875 for 15 PSF and above (wind loads). Shear safety factor is 3.0.
4. Facings: .020" min. galv. steel – ASTM A653 Grade 33
5. Core: 2.0 pcf density polyisocyanurate foam
6. Edge Treatment: Tongue and Groove (TAGET)

ISOWALL

INSULROCK

REGENT

OKTOPUS



Advanced Insulation Concepts, Inc., 8055 Production Avenue, Florence, KY 4042-3094

Tel: 800-826-3100 or 859-342-8550 Fax: 859-342-5445

www.aicinsulate.com info@aicinsulate.com

Advanced Insulation Concepts, Inc., reserves the right to change materials or construction without notice.