

## SPAN CHARACTERISTICS

The maximum spans for uniform loads are presented in the Table below:

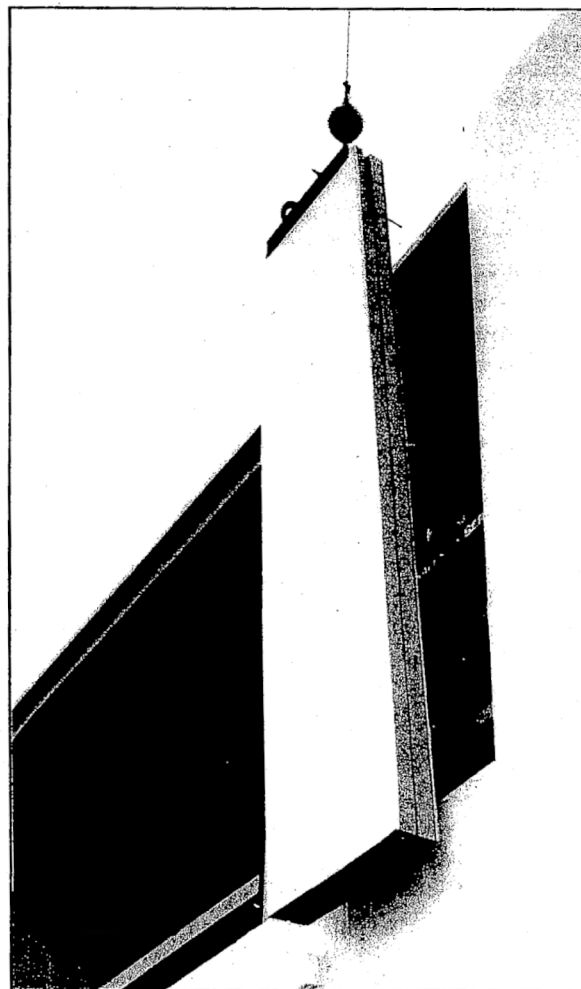
PANEL THICKNESS	PANEL WEIGHT lb./SQ.FT.	UNIFORM LOAD (PSF)						
		5	10	15	20	25	30	40
4"	5.4	22.2	15.7	12.8	11.1	9.9	8.2	6.2
6"	7.2	27.3	19.3	15.7	13.6	12.1	10.1	7.6
8"	9.0	31.5	22.3	18.2	15.8	14.0	11.6	8.7
10"	10.9	35.2	24.9	20.3	17.6	15.6	13.0	9.8
12"	12.7	38.6	27.3	22.3	19.3	17.1	14.2	10.7

### NOTES:

- (1) Allowable spans are governed by panel strength, including bending and shear. All deflections are less than 1/240 of span. Spans are given to the nearest tenth of a foot.
- (2) 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.
- (3) Facings: .020" minimum galvanized steel, ASTM A653, Grade 33
- (4) Core: ConRock B brand mineral wool, 10 p.c.f. density.
- (5) Edge Treatment: Tongue and groove (TAGET)

### THERMAL RESISTANCE

INSULROCK provides a Thermal Resistance of 3.61 hr•ft<sup>2</sup>•°F/BTU•in. within the range of mean temperatures normally associated with refrigerated and normal temperature buildings.



**ISOWALL**

**INSULROCK**

**REGENT**

**OKTOPUS**

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

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

# INSULROCK

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PANEL THICKNESS	UNIFORM LOAD (PSF)							
	inches	5	10	15	20	25	30	40
4		22.2	15.7	12.8	11.1	9.9	8.2	6.2
5		24.8	17.5	14.2	12.4	10.6	9.1	6.8
6		27.3	19.3	15.7	13.6	12.1	10.1	7.6
8		31.5	22.3	18.2	15.8	14.0	11.6	8.7
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