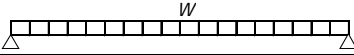
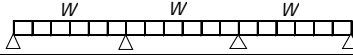


Galvatherm Shadowline

Thickness (In.)	Insulation Factors		Panel Weight PSF																									
	R ft ² .h.°F/BTU	U BTU/ft ² .h.°F		SPAN (Ft)																								
				5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0			
2	17	0.058	2.13	69.8	56.8	48.3	41.7	32.6	25.3								68.9	56.8	48.3	39.1	30.2	21.5						
2.5	22	0.046	2.23		64.8	54.6	47.2	36.4	28.1	22.4								64.2	54.5	47.4	38.7	30.6	24.9					
3	26	0.039	2.35		71.8	60.6	52.3	46.0	35.2	27.8	22.6							70.9	60.2	52.3	47.6	37.5	30.4	25.1				
4	34	0.029	2.51		84.5	71.2	61.4	54.0	48.1	39.8	32.0	26.4	22.1					82.9	70.3	61.0	53.9	48.3	41.9	34.5	28.9	24.6		
5	43	0.023	2.72		95.9	80.8	69.6	61.1	54.4	49.0	44.6	34.7	28.9	24.5				93.7	79.4	68.8	60.7	54.3	49.2	44.9	37.0	31.4	27.0	
6	52	0.019	2.93		106.2	89.5	77.1	67.7	60.2	54.2	49.3	45.2	36.2	30.5				103.6	87.7	75.9	67.0	59.9	54.2	49.4	45.5	38.5	33.0	

Notes:

- 1.- Based on Galvatherm 42 in. wide wall panel with 26 ga. exterior and interior steel facers (min. Fy= 37 ksi as per ASTM A653)
- 2.- Steel facers are prepainted galvanized steel as per ASTM A653 grade 37 (Fy= 37 ksi min). Elasticity Modulus is 29, 000 ksi.
- 3.- Load Tables were derived from ASTM E72 structural testing. Allowable loads were obtained with 2.5 bending safety factor 3.0 shear safety factor, and deflection limit of L/180.
- 4.- Thermal load effect due to temperature differential between exterior and interior facers must be considered when applies.
- 5.- Allowable load is governed by the lowest value of bending strength, shear strength and deflection limit. For allowable load governed by connection, please contact to the technical department.
- 6.- Foam Insulation factors are based on nominal initial k factor of 0.116 BTU.in/ft².h.°F tested as per ASTM C518-04 at a mean temperature of 40°F (4°C)