

ROOF DEAD LOADS

Material		Weight, psf
Aluminum (including laps):		Corrugated (1½ and 2½ in.)
	Flat	
12 American or B&S gauge	1.2	—
14	0.9	1.1
16	0.7	0.9
18	0.6	0.7
20	0.5	0.6
22	—	0.4
Galvanized Steel (including laps):		Corrugated (2½ and 3 in.)
12 U.S. standard gauge	4.5	4.9
14	3.3	3.6
16	2.7	2.9
18	2.2	2.4
20	1.7	1.8
22	1.4	1.5
24	1.2	1.3
26	0.9	1.0
Other Types of Decking (per inch of thickness):		
Concrete plank	6.5	
Insulrock	2.7	
Petrical	2.7	
Porex	2.7	
Poured gypsum	6.5	
Tectum	2.0	
Vermiculite concrete	2.6	
Corrugated Asbestos (¼ in.)	3.0	
Felt:		
3-ply	1.5	
3-ply with gravel	5.5	
5-ply	2.5	
5-ply with gravel	6.5	
Insulation (per inch of thickness):		
Expanded polystyrene	0.2	
Fiberglass, rigid	1.5	
Loose	0.5	
Roll Roofing	1.0	