
 LOAD TABLE: 11W4		
MAXIMUM SAFE SPAN		
Bearing Bar Size	Grating Weight lbs. per sq. ft.	 ADA
1 x 3/16	11.73	5' - 5"
1 1/4 x 3/16	14.5	6' - 5"
1 1/2 x 3/16	17.28	7' - 5"
1 3/4 x 3/16	20.07	8' - 3"
2 x 3/16	22.86	9' - 2"
2 1/4 x 3/16	25.62	10' - 0"
2 1/2 x 3/16"	28.41	10' - 10"

This table load is provided for preliminary design computation only and not intended for any other purpose. Weight depends on panel width, cross bar selection, mill tolerance and manufacturing tolerance. Consult NAAMM for exact maximum load weights and specifications. When serrated grating is specified, the depth of the grating required for a specific load will be 1/4" greater than that shown in the load tables. Bearing bars 11/16" on center and Cross Rods 4" on center.

The following information is published in the Title III regulations (28 CFR Part 36, revised July 1, 1994) issued by the Department of Justice. The ADA Standards for Accessible Design are in Appendix A of the Title III Regulations.

4.5.4 Gratings. If gratings are located in walking surfaces, then they shall have spaces no greater than 1/2 in (13 mm) wide in one direction (see Fig. 8(g)). If gratings have elongated openings, then they shall be placed so that the long dimension is perpendicular to the dominant direction of travel (see Fig. 8(h)).

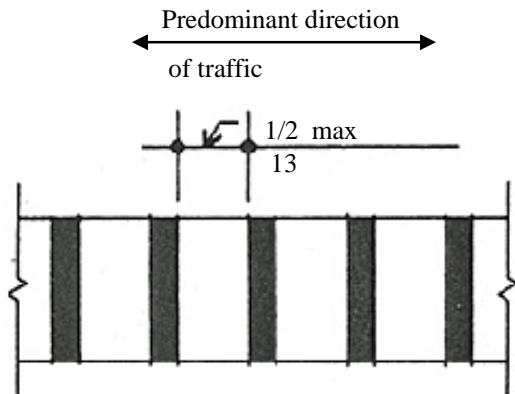


Fig. 8 (g)
Gratings

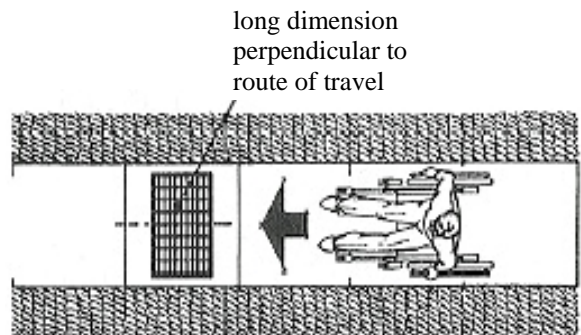


Fig. 8 (h)
Grating Orientation