



ACI F min Classifications and Values and Table 1.1

Classification	F-min number
Conventional floor	25
Good	38
Flat	50
Very flat	75
Superflat	100

Table 1.1 - Defined Traffic Values

This table shows the recommended F-min values for varying rack heights.

Rack height, ft (m)	Longitudinal* F-min	Transverse† F-min
<b>0 to 25 (0 to 7.6)</b>	50	60
<b>26 to 30 (7.9 to 9.1)</b>	55	65
<b>31 to 35 (9.4 to 10.7)</b>	60	70
<b>36 to 40 (11 to 12.2)</b>	65	75
<b>41 to 45 (12.5 to 13.7)</b>	70	80
<b>46 to 50 (14 to 15.2)</b>	75	85
<b>51 to 65 (15.5 to 19.8)</b>	90	100
<b>66 to 90 (20.1 to 27.4)</b>	100	125

Table 1.1 taken from ACI 360-R10 "Guide to Design of Slabs-On-Ground"

\*Longitudinal value between the front and rear axle

† Transverse value between loaded wheel tracks



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