

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 |
|-------------------------|---------------------|-------------------------------|
| 0 to 25 (0 to 7.6) | 50 | 60 |
| 26 to 30 (7.9 to 9.1) | 55 | 65 |
| 31 to 35 (9.4 to 10.7) | 60 | 70 |
| 36 to 40 (11 to 12.2) | 65 | 75 |
| 41 to 45 (12.5 to 13.7) | 70 | 80 |
| 46 to 50 (14 to 15.2) | 75 | 85 |
| 51 to 65 (15.5 to 19.8) | 90 | 100 |
| 66 to 90 (20.1 to 27.4) | 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