

Safety Grating

SLIP RESISTANCE VALUES

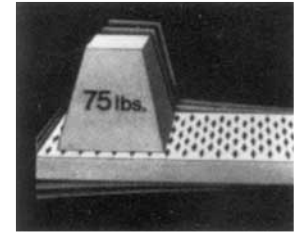


The following anti-slip values were determined by Independent laboratory tests in accordance with standards established in federal specification RR-G1602A. These are the average values as indicated for five shoe sole materials: leather, boot rubber, shoe rubber, neolite and hypolon.

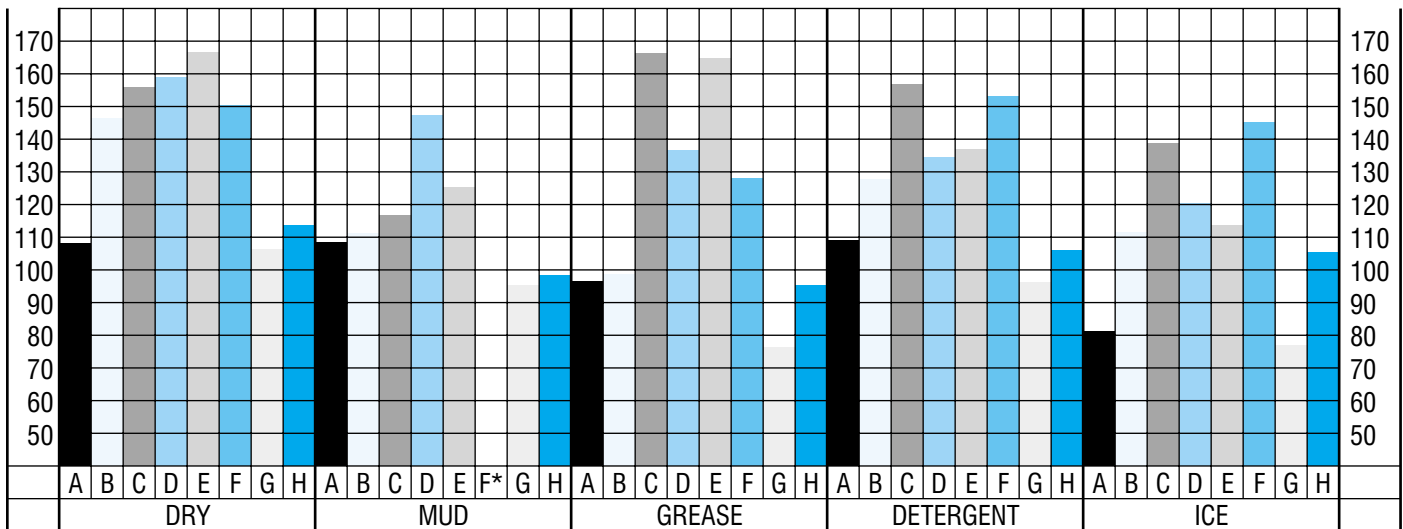
The materials were tested in three directions of movement, longitudinal, transverse and diagonal. The chart values denote in pounds the force necessary to move a load of 175 pounds across one inch of grating at a constant rate of 2 inches per minute. Listed below, AMICO-ISG® Safety Grating exceeded the minimum federal specification from 10% to 180%.

STRONG, DURABLE.

A 4 ft. length of AMICO-ISG® Safety Grating was tested dynamically for metal fatigue and durability. One end was securely anchored while the other end was weighted with a 75 lb load. Then the free, weighted end was vibrated 30,000 times! The result—no fatigue or structural failure was evident.



(AAR.) Railway Approved.



- A. Federal Specification for Steel
- B. 12 Ga. Steel Diamond-Grip® grating
- C. 14 Ga. Steel Diamond-Grip® grating

- D. 13 Ga. Steel Safety-Grip® grating
- E. 11 Ga. Steel Safety-Grip® grating
- F. 13 Ga. Steel Safety-Tread® flooring

- G. Federal Specification for Aluminum
- H. .080" Aluminum Diamond-Grip® grating
- * Not recommended for this Application