



Proof Load Test H-20 is a 16,000 pound wheel load applied on a 9" x 9" square (to simulate a tire footprint) area in the center of the tile.

The test on TERREWALKS™ shown below applied a 40,000 pound proof load, which is a 2-½ safety factor over H-20. TERREWALKS placed on a base supported 40,000 pounds of pressure without cracking or permanent deformation. Material did not crack, break, splinter or warp during or after load testing.

Testing indicates that TERREWALKS can support vehicles at a 2-½ safety factor over H-20, when installed upon a properly prepared base (depth and base material determined by existing soil type and drainage conditions; minimum recommended base depth for vehicular traffic is 6 inches). Despite test results, TERREWALKS is not intended for roadways or high speed vehicular traffic.



Light Duty: Able to withstand some vehicular loading, but not designed to accept roadway traffic. Items can accept loading from 2,500 — 16,000 pounds. For products subject to occasional traffic from process maintenance, garbage pick-up, mowers, etc.

Medium Duty: Able to accept loading from 16,000 — 40,000 pounds; can accept standard traffic loading, and in conformance with H-20/HS-20 (wheel load of 16,000 pounds on a tire contact area of 8" X 20") or Federal Specification RR-F-621D (25,000 pounds on a 9" X 9" load contact area).

Heavy Duty: Able to bear a minimum of 40,000 pounds on a 9" X 9" area. This represents a 2.5 safety factor over the 16,000 pound requirement of H20 and HS20. This load designation is appropriate for general traffic applications. Loading criteria is 40,000 — 100,000 pounds.

Test site, Fallbrook, CA shows vehicles driving on, parked, and turning wheels on TERREWALKS.



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