



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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