

For Immediate Release
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New DOD Anti-Ram Vehicle Barriers List Published

The Department of Defense and U.S. Army Corps of Engineers Protective Design Center published the newest list of U.S. government accepted passive and active vehicle barriers in October, 2011. This list has been dormant since 2009 when it was generated by the Department of State and hosted by the Protective Design Center.

New ASTM standards now govern crash barrier tests in the United States. According to the preamble to the new list: "The ASTM F2656-07 test standard rates barriers in twelve impact categories, with three predetermined impact velocities for each category and four potential penetration ratings for each impact rating. These penetration ratings are: P1 - < 3.3 ft; P2 - 3.31 to 23.0 ft; P3 - 23.1 to 98.4 ft; and P4 - > 98 ft. Of the four penetration ratings, barriers with a penetration rating of P4 will not be included in the DoD Anti-Ram Vehicle Barriers list."

HySecurity's new [StrongArm M30](#) is rated to the same standard as what was formerly referred to as K4: A 15,000 lb. vehicle / payload crashing into the barrier at 30 miles per hour. This is now M30 under the new ASTM standards.



StrongArm M30 met P1, the highest ASTM penetration standard.

K8 is the equivalent of the new ASTM M40 standard and K12, the equivalent of M50. All M standards refer to a 15,000 lb. truck/payload with M30, M40 and M50 relating to 30, 40 and 50 miles per hour.

All manufacturers' crash barriers that are currently acceptable per the new ASTM guidelines and meet P1, P2 or P3 penetration limits are published at the Department of Defense, U.S. Army Corps of Engineers Protective Design Center Website at:

https://onecorps.usace.army.mil/sites/pdc/groups/barrier_selection_tool/report_dod_v6_dyn.a_spx