



Product Specifications Hercules M50 Set & Pour Bollard (Model SPB-1200)

1. Crash tested and certified with ASTM F2656-07 M50 P2 rating (K12).
2. Department of Defense (DoD) approved and listed on Anti-Ram Vehicle Barrier List.
3. One single standalone bollard stops 15,000 lb. vehicle at 50 mph within 1.2-meter penetration.
4. A 2+ bollard array using Hercules M50 units is engineered to achieve an M50 P1 (K12) performance level.
5. Unrestricted bollard spacing while maintaining ASTM M50 P1 certification.
6. Set a single prefabricated bollard into excavation and pour concrete (no rebar in foundation). No tying, bolting, welding, assembly, or specialty subgrade required.
7. Excavation 48" wide by 36" deep with 4000 psi concrete.
8. Easy to install with turns and across grade elevation changes using standard bollard.
9. Allows for field adjustment.
10. Reduce installation time and costs by about 50%.
11. Bi-directional stopping capability.
12. Removeable bollard configuration is available.
13. Variety of bollard covers are available including stainless steel, plastic, decorative shapes, concrete, lighted covers, and others.
14. Drawings, submittals, engineering support, and installation instructions with photos are included.