



SlowStop Guarding Systems  
Force Compliance  
6" (Type 3) Rebounding Bollard

This letter, known as CoC-SS6, serves as a self-certifying certificate of conformance for SlowStop Guarding Systems 6" Rebounding Bollard. Specifically:

- IFC 2000 312.3 Physical barriers shall be a minimum of 36 inches (914mm) in height and shall resist a force of 12,000 pounds (53,375 N) applied 36 inches (914mm) above the adjacent ground.
- IBC 1607.8.3 Vehicle barriers for passenger vehicles shall be designed to resist concentrated load of 6,000 pounds (26.70 kN) in accordance with Section 4.5.3 of ASCE 7.
- ASCE 7 4.5.3 Vehicle barrier systems for passenger vehicles shall be designed to resist a single load of 6,000 lb. (26.70 kN) applied horizontally in any direction to the barrier system, and shall have anchorages or attachments capable of transferring this load to the structure. For design of the system, the load shall be assumed to act at heights between 1 ft 6 in. (460 mm) and 2 ft 3 in

The 6" (Type 3) bollard was independently tested by TUV Rheinland TNO and documented in their report F110803 to resist 147.3 kN at 500mm height. This translates to 80.6 kN (18,115 lbf) at 36" and 107.4 kN (24,144 lbf) at 27". This testing was only performed to "no damage limits" and not to failure, allowing for additional safety factor.

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A handwritten signature in black ink, appearing to read "Kenneth A. Parrott".

Kenneth A. Parrott  
Product Manager  
SlowStop Guarding Systems, LLC

April 7, 2020

CoC-SS6  
Attachments: F110803rep\_deutsch.pdf  
TUV Test Report F110803.pdf