



HM5012FR

Shallow Mount

DEFENDER M50 - FR



ASTM



ISO22343



Certified according to PAS 68



US DEPARTMENT OF STATE



ISO 9001



ISO 50001



ISO 14001



ISO 45001

DEFENDER HM5012FR safety shallow mounted , manufactured from high-strength steel. Designed to offer effective protection against vehicle impacts, it is installed by embedding it in a foundation. HVM shallow-mounted bollards are designed for locations where deep foundations are not feasible. Unlike traditional bollards, they can be installed in areas with limited depth, making them ideal for busy urban environments where access to underground utilities is restricted. Their robust geometry and balanced proportions guarantee high structural rigidity and excellent stability after installation. Finished with anti-corrosion treatment and thermoset polyester powder coating, resistant to weathering and UV rays. Recommended for demarcating pedestrian zones, restricted access points, or high-security urban areas, combining functionality, durability, and careful aesthetic integration into the urban environment.

DIMENSIONS AND MATERIALS

HEIGHT FROM GROUND LEVEL

FUNCTIONAL FEATURES

SYSTEM

REFLECTIVE BAND

