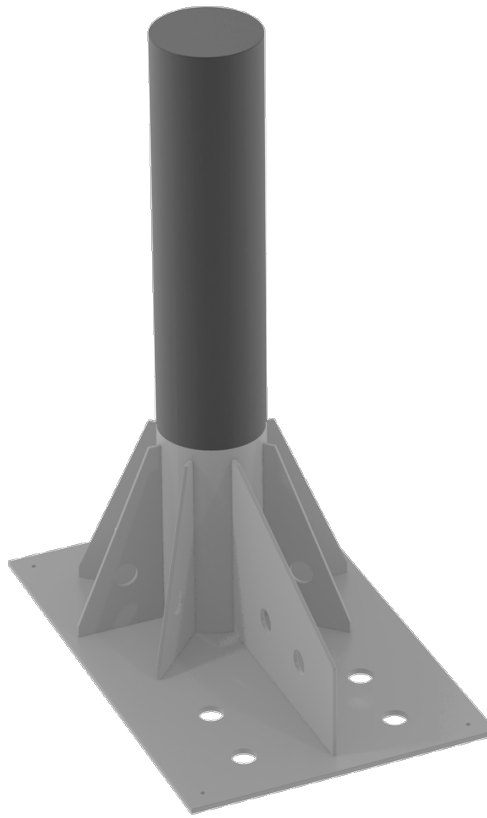




PAS-68

IWA-14



ISO22343

HM5012F

Bollard

DEFENDER FIX M50



ASTM



ISO22343



Certified
according to
PAS 68



US
DEPARTAMENT
OF STATE

Regulations and certifications:



The DEFENDER high security bollard is our first bollard to be impact tested to ASTM 2656-23 (M50 rating), successfully withstanding a 14.99 lbs vehicle at 49.7 mph (50 mph). The DEFENDER achieved fantastic results, remaining operational even after being impacted by such a large vehicle. The DEFENDER is hydraulically operated and is capable of performing a high number of operations per hour. It can be integrated with existing and additional security measures. Designed for installation on public roads and security critical applications (government buildings, airports, tourist areas, high traffic flow sites), it offers unrivalled protection anywhere in the world. The DEFENDER range is designed to offer maximum protection with a sleek aesthetic, with a diameter of 10.83" and a thickness of 0.98", and different heights available: 35.43", 39.37" and 47.24" above ground level. The bollard is supplied as standard in galvanised steel and matt black epoxy paint, and includes an RGBW LED crown as a traffic light function: green when lowered, flashing red when raised and red when raised.

		DEFENDER FIX HM5009F	DEFENDER FIX HM5010F	DEFENDER FIX HM5012F
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	35.43"	39.37"	47.24"
	THICKNESS	0.49"	0.49"	0.98"
	BOLLARD DIAMETER	Ø10.83"	Ø10.83"	Ø10.83"
	BOLLARD MATERIAL	0.98" Steel	0.98" Steel	Acero 0.98"
		Epoxy primer and paint	Epoxy primer and paint	Imprimación y pintura epoxi
FUNCTIONAL FEATURES	SYSTEM			
	IMPACT RESISTANCE	14991.42 lbs at 49.7 mph	14991.42 lbs at 49.7 mph	14991.42 lbs a 49.7 mph
	REFLECTIVE BAND	Optional	Optional	Opcional
	SAFETY OF PEOPLE AND PROPERTY	Optional	Optional	Opcional
	LIGHTED CROWN	Optional	Optional	Opcional

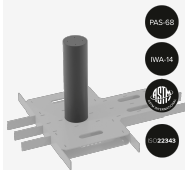
BENITO

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tel. 93 852 1000

DEFENDER M30 - FR
HM3009FR



DEFENDER M50 - FR
HM5012FR



TELESCÓPICA AUTOMÁTICA DEFENDER M30 - S



TELESCÓPICA AUTOMÁTICA DEFENDER M50



Downloads: [Project sheet](#) | [CAD](#) | [Certificate](#) |

