FlexCore Bollard





Innovation disguised as simplicity.

Standing guard, a thick outer shell of ultra-resilient HDPE surrounds a highstrength steel shaft mounted to a shock-absorbing polyurethane flex point secured firmly into the concrete. The easy-to-install design comes with no sacrifice to strength, due to FlexCore's energy absorbing core technology. That's what it takes to protect your assets—and your people.

Energy Absorbing Design—Impact forces are directed into the shock-absorbing load ring and tensile solid steel rod

Rotating HDPE Shell—Exclusive shell design rotates with sideswiping hits

Quick Installation—Installs fast, protects for years

See it in action: mccue.com/flexcore

Cover absorbs minor impacts & transfers energy to the core Core assembly flexes— absorbs and distributes impact energy.



FlexCore Bollard

Ø131mm











TÜV Rheinland

Tested to withstand an impact force of 16.8 kN (3,767 lbs) Maximum deflection of 100 mm (4 in)

Tested to withstand an impact force

Maximum deflection of 100 mm (4 in)

of 57.6 kN (12,954 lbs)

This is equivalent to the impact of a 1,500 kg (3,300 lbs) vehicle traveling at 10.0 km/h (6.2 mph).

This is equivalent to the impact of a 1,500 kg (3,300 lbs) vehicle traveling at 5.4 km/h (3.3 mph).

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Specifications subject to change without notice.

