# FlexGuard Sentinel

The FlexGuard Sentinel range of bollards are engineered to protect exposed edges, corners, and key structural areas such as doorways, loading docks, building corners, and machinery perimeters in industrial facilities.

Constructed from durable, impact-resistant Polypropylene (PP), it offers reliable protection against accidental impacts from forklifts, pallet trucks, and other industrial vehicles.

Technical Information

SL130

Height	800/1150mm
Post Diameter	130mm
Base Plate	170*170*10mm
Impact Energy	Impact test angle at 90°: 3000J, 1.5t forklift hit at 7.2km/h
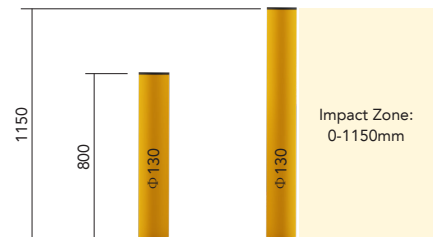
SL168

Height	800/1150mm
Post Diameter	168mm
Base Plate	200*200*10mm
Impact Energy	Impact test angle at 90°: 3600J, 4.0t forklift hit at 4.8km/h
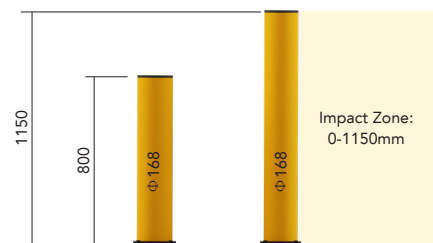
SL190

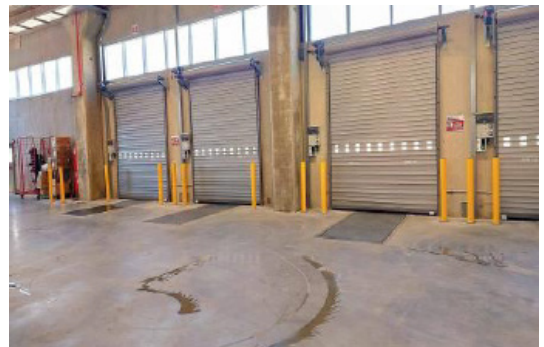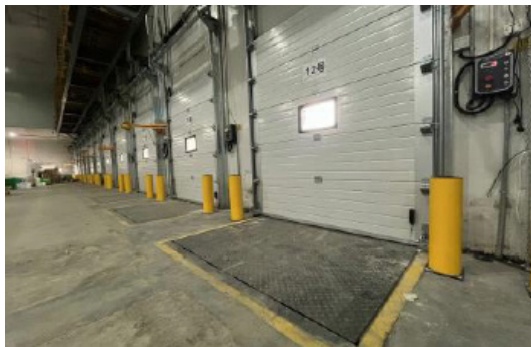|	
Height	800/1150mm
Post Diameter	190mm
Base Plate	230*230*14mm
Impact Energy	Impact test angle at 90°: 6900J, 6.0t forklift hit at 5.5km/h
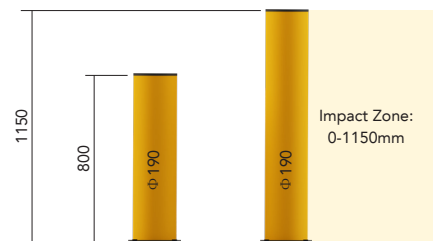
Color   RAL 1003   Signal Yellow

Temperature   -5 to 50 °C

Application:

Used mainly for industrial doors, shutter doors, gate protection, etc.

FlexGuard

Designed for simple installation, long-lasting performance, and maximum damage prevention.

FlexGuard is a new line of flexible impact barriers designed for flexible impact protection, maximum performance and maximum safety. Constructed from durable, impact-resistant Polypropylene (PP), the FlexGuard product line is highly durable and suitable for use in various industrial environments. Minimizes damage to concrete floors that is typically associated with steel barriers. Its design allows easy installation and maintenance, ensuring minimal downtime for your operations.

Certifications:

Product:	Material (Armorflex):
TÜV SÜD TÜV Rhein Test CE ISO RoHS	Flame Retardant Test

Material:

The material used in FlexGuard, Armorflex, has self-recovery and memory capability. Through special nano processing technology, the molecular structure of the material is constructed into a regular linear network structure. It can absorb, delay and eliminate impact energy and rebound to its original shape after strong impact.