



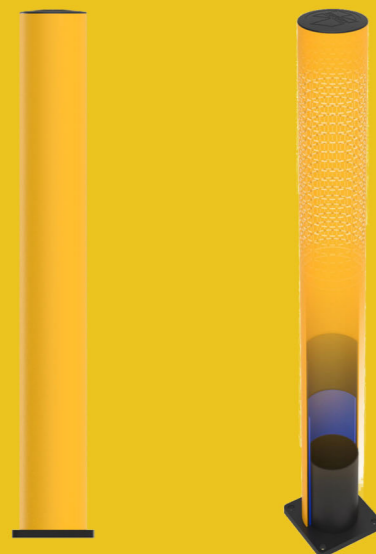
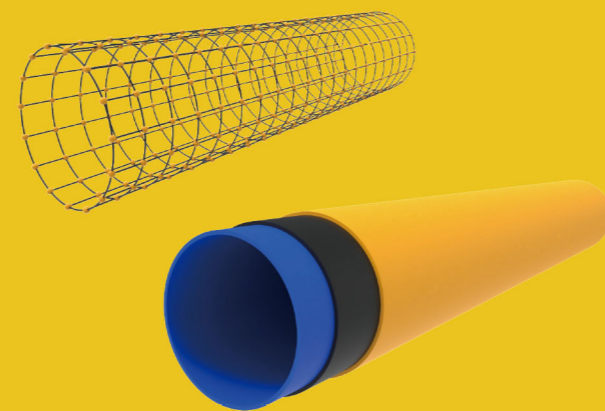
φ 130 BOLLARD

FLEXIBLE PLOYMER

• Innovative three-layered material

- ① Core strength from within.
- ② Central zone for absorbing impact.
- ③ UV-resistant outer color layer.

Molecular reorientation in the manufacturing process results in a distinctive built-in memory, allowing the barrier to fully recover after impacts.



Model	BO130
Height	800/1150mm
Post	φ130
BasePlate	170 x 170x 10mm
Fixing	8.8 Grade M10 Expansion Bolt
Impact Energy	3000Joule
1.5tons Forklift hit at	7.2km/h
Temperature Range	-5~50°C

• Advantages

- 1. Crash-Tested
- 2. Quick Disassembly
- 3. Flexible Assembly
- 4. Convenient Maintenance
- 5. Chemical and UV resistance
- 6. Corrosion resistance
- 7. No maintenance
- 8. Safe and non-toxic
- 9. Strong chemical resistance
- 10. No painting required
- 11. Recoverability and Memorability
- 12. Modular combination
- 13. TUV certified
- 14. A tailored solution for every scenario
- 15. Choice of options and heights
- 16. Deflection 15° Lean

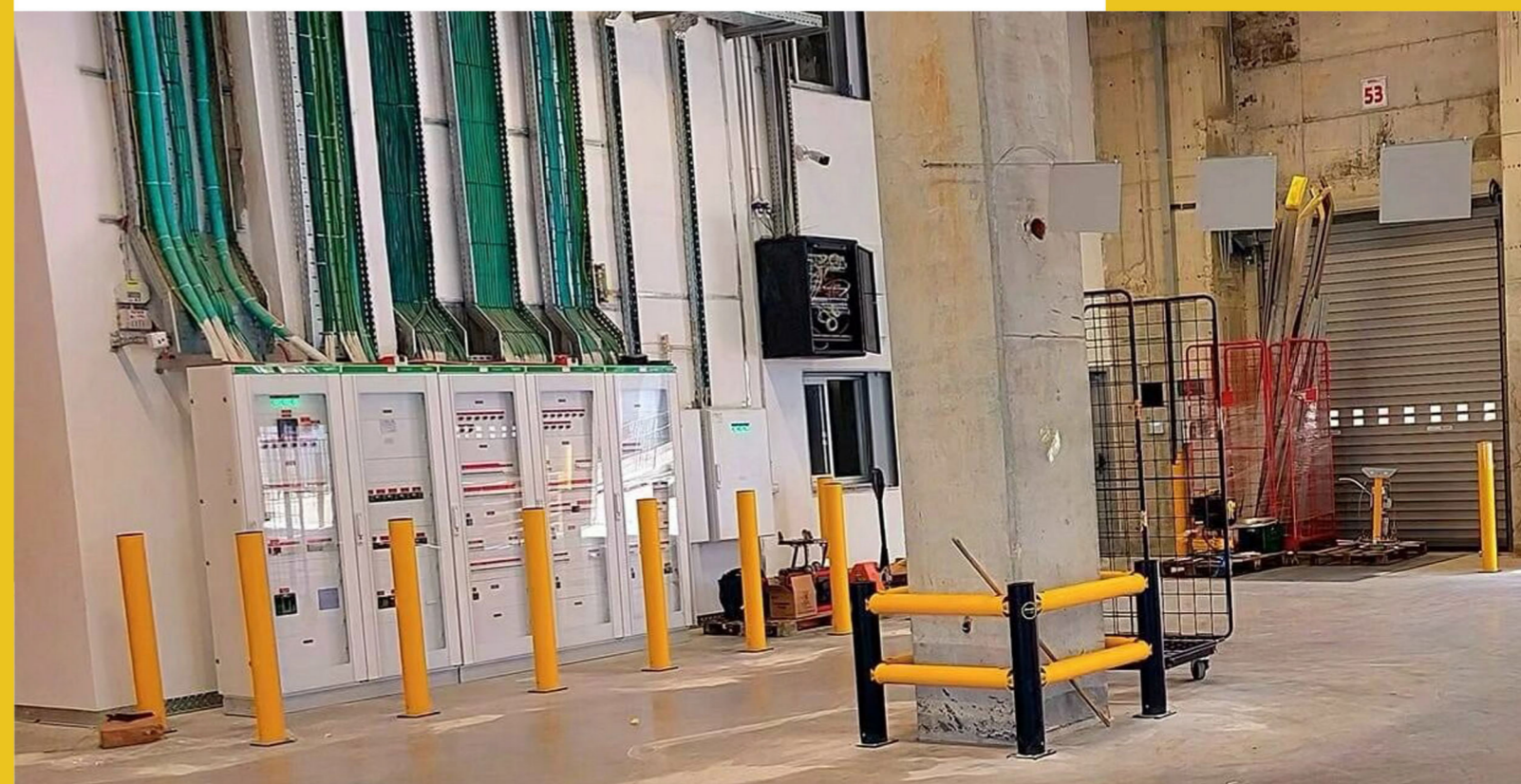
• Applications and typical environments

Aotons Bollard designed to protect various industrial places, can reliable protection for strategic, vulnerable locations such as entrance gates, access ways, corners, machinery, structural columns, electrical switchgear and building facades. Protection against everyday impacts and ensures repeat performance without causing damage to itself, the flooring, or the vehicles involved.

Logistics, supply chain and material handling industries	
Transport and logistics centers	Warehouses and storage facilities
Carpark buildings	(Petro-)chemical plants
Distribution centers	and more

• Fixations

M10 Expansion Bolt





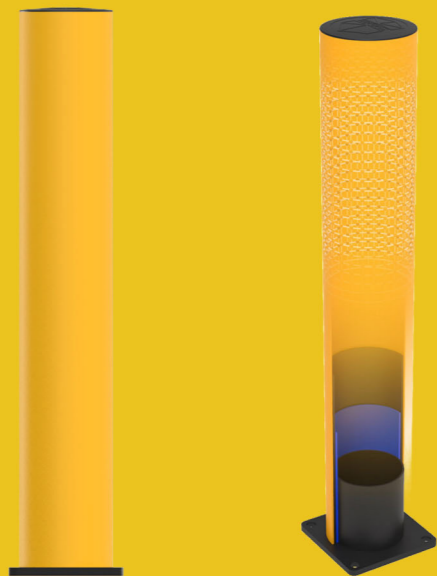
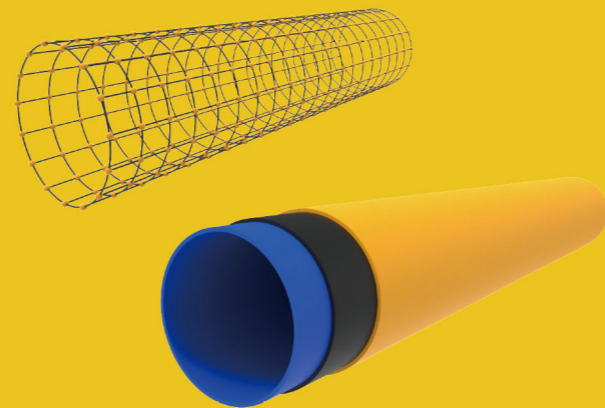
φ 168 BOLLARD

FLEXIBLE PLOYMER

• Innovative three-layered material

- ① Core strength from within.
- ② Central zone for absorbing impact.
- ③ UV-resistant outer color layer.

Molecular reorientation in the manufacturing process results in a distinctive built-in memory, allowing the barrier to fully recover after impacts.



Model	BO168
Height	800/1150mm
Post	φ168
BasePlate	200 x 200x 10mm
Fixing	8.8 Grade M10 Expansion Bolt
Impact Energy	3600Joule
4tons Forklift hit at	4.8km/h
Temperature Range	-5~50°C

• Advantages

- 1. Crash-Tested
- 2. Quick Disassembly
- 3. Flexible Assembly
- 4. Convenient Maintenance
- 5. Chemical and UV resistance
- 6. Corrosion resistance
- 7. No maintenance
- 8. Safe and non-toxic
- 9. Strong chemical resistance
- 10. No painting required
- 11. Recoverability and Memorability
- 12. Modular combination
- 13. TUV certified
- 14. A tailored solution for every scenario
- 15. Choice of options and heights
- 16. Deflection 15° Lean

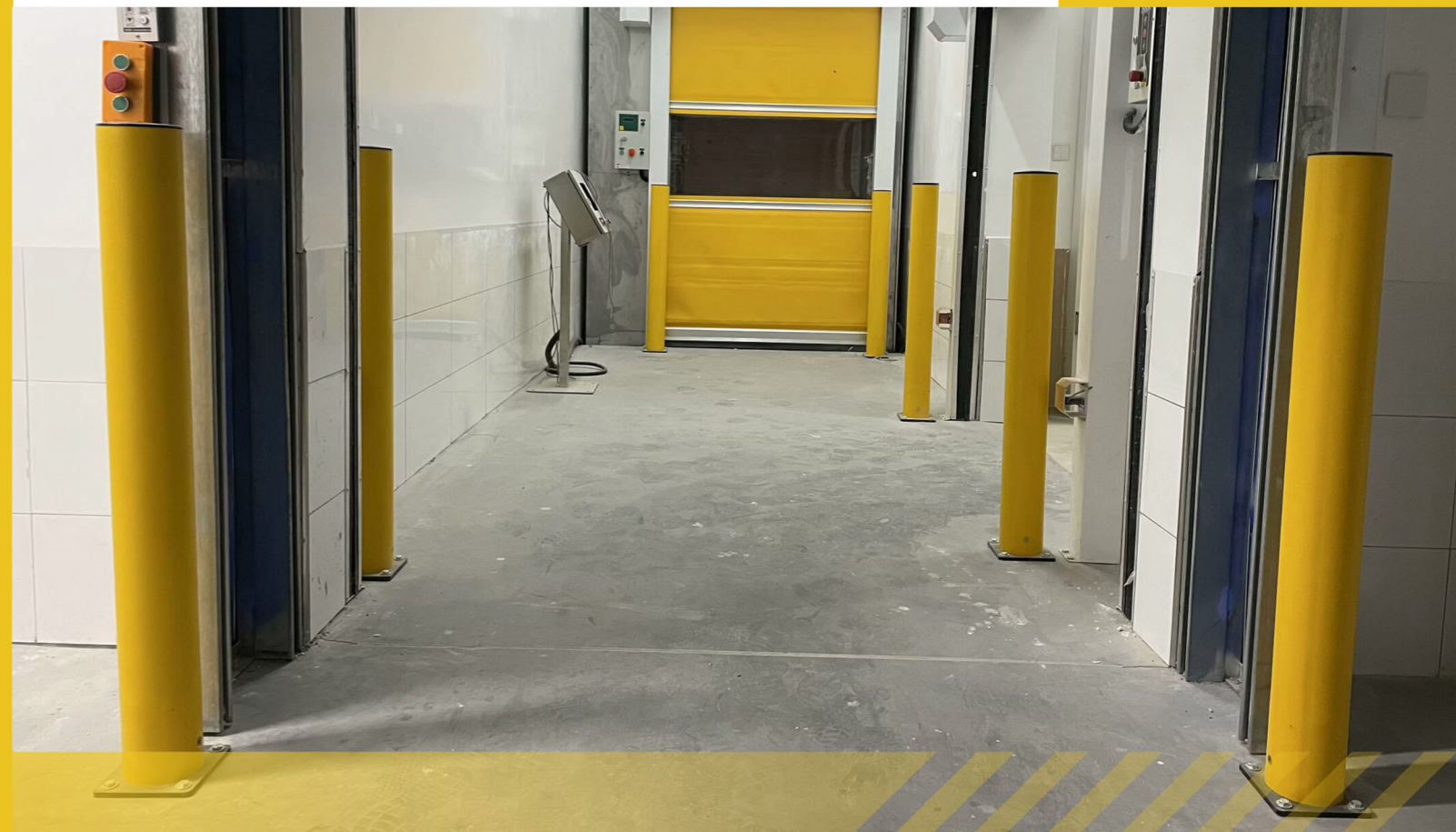
• Applications and typical environments

Aotons Bollard designed to protect various industrial places, can reliable protection for strategic, vulnerable locations such as entrance gates, access ways, corners, machinery, structural columns, electrical switchgear and building facades. Protection against everyday impacts and ensures repeat performance without causing damage to itself, the flooring, or the vehicles involved.

Logistics, supply chain and material handling industries	
Transport and logistics centers	Warehouses and storage facilities
Carpark buildings	(Petro-)chemical plants
Distribution centers	and more

• Fixations

M10 Expansion Bolt





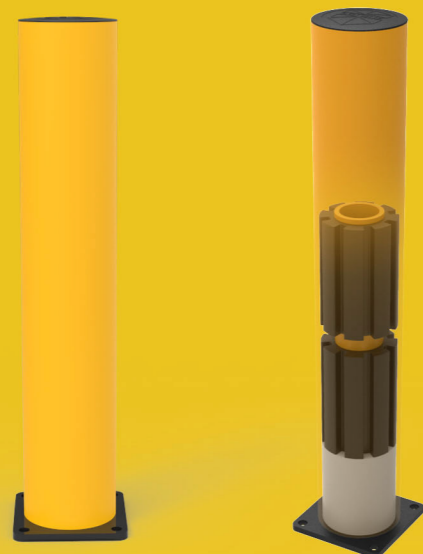
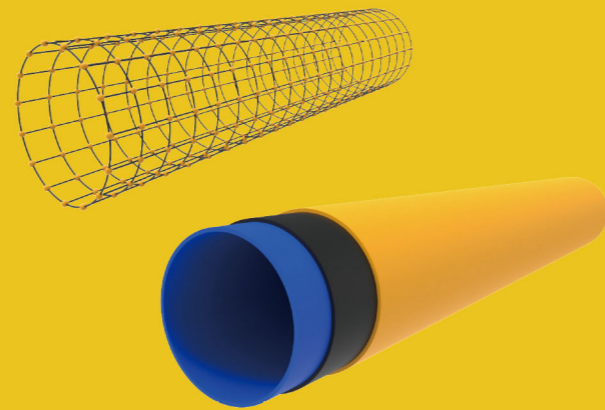
φ 190 BOLLARD

FLEXIBLE PLOYMER

• Innovative three-layered material

- ① Core strength from within.
- ② Central zone for absorbing impact.
- ③ UV-resistant outer color layer.

Molecular reorientation in the manufacturing process results in a distinctive built-in memory, allowing the barrier to fully recover after impacts.



Model	BO190
Height	800/1150mm
Post	φ190
BasePlate	230 x 230x 14mm
Fixing	8.8 Grade M12 Expansion Bolt
Impact Energy	6900Joule
6tons Forklift hit at	5.5km/h
Temperature Range	-5~50°C

• Advantages

- | | |
|-------------------------------|--|
| 1. Crash-Tested | 9. Strong chemical resistance |
| 2. Quick Disassembly | 10. No painting required |
| 3. Flexible Assembly | 11. Recoverability and Memorability |
| 4. Convenient Maintenance | 12. Modular combination |
| 5. Chemical and UV resistance | 13. TUV certified |
| 6. Corrosion resistance | 14. A tailored solution for every scenario |
| 7. No maintenance | 15. Choice of options and heights |
| 8. Safe and non-toxic | 16. Deflection 15° Lean |

• Applications and typical environments

Aotons Bollard designed to protect various industrial places, can reliable protection for strategic, vulnerable locations such as entrance gates, access ways, corners, machinery, structural columns, electrical switchgear and building facades. Protection against everyday impacts and ensures repeat performance without causing damage to itself, the flooring, or the vehicles involved.

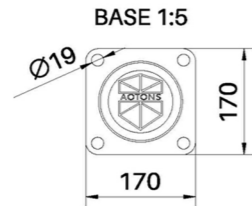
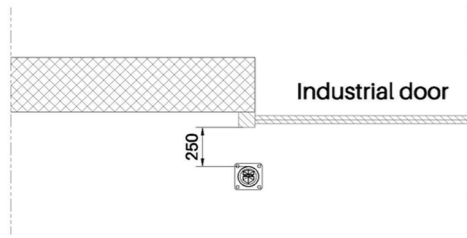
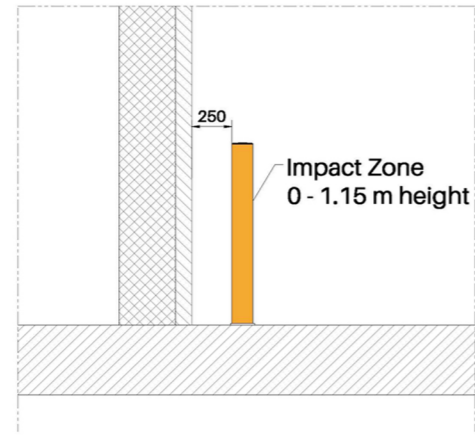
Logistics, supply chain and material handling industries	
Transport and logistics centers	Warehouses and storage facilities
Carpark buildings	(Petro-)chemical plants
Distribution centers	and more

• Fixations

M12 Expansion Bolt



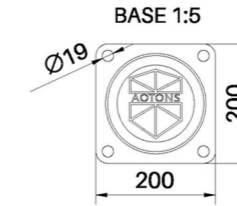
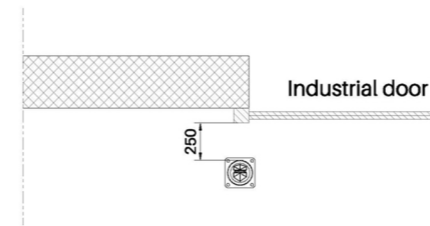
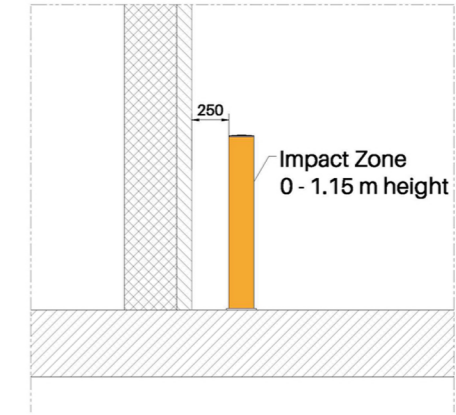
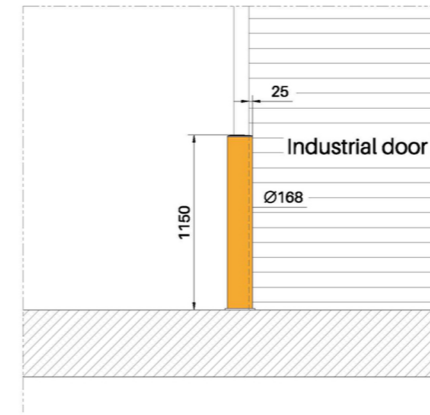
BO130 Installation Guide Standard



Rated Impact Energy : 3000 Joule
 Rated working angle : 90°
 Colour : RAL 1003 , Signal yellow
 Bolt : 8.8 grade M10 Expansion Bolt

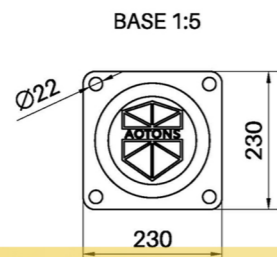
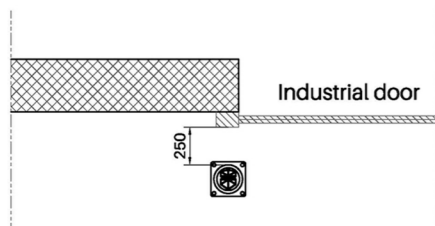
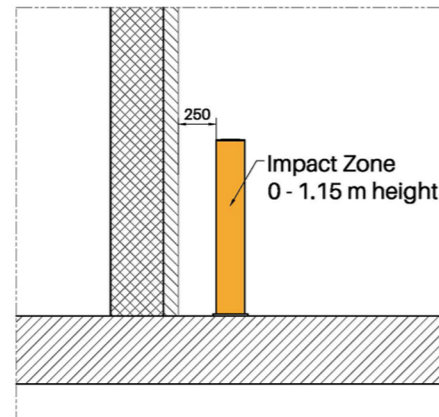
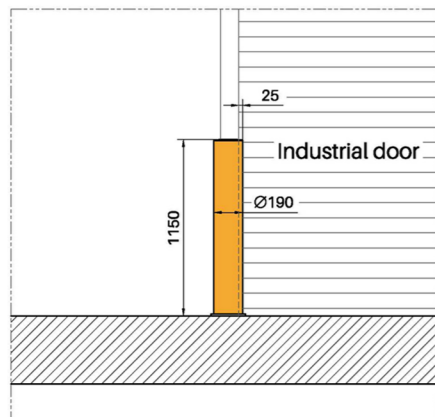
BO168 Installation Guide Standard

Dimensions (mm)



Rated Impact Energy : 3600 Joule
 Rated working angle : 90°
 Colour : RAL 1003 , Signal yellow
 Bolt : 8.8 grade M10 Expansion Bolt

BO190 Installation Guide Standard

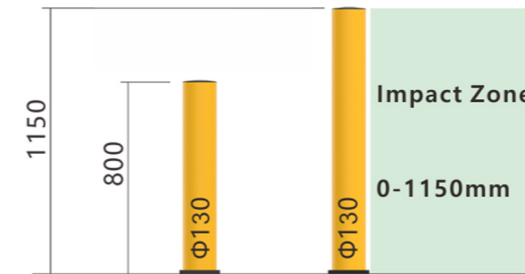


Rated Impact Energy : 6900 Joule
 Rated working angle : 90°
 Colour : RAL 1003 , Signal yellow
 Bolt : 8.8 grade M12 Expansion Bolt

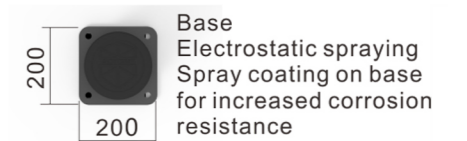
BO 130



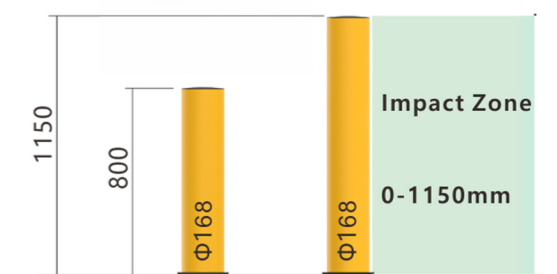
Base
 Electrostatic spraying
 Spray coating on base
 for increased corrosion
 resistance



BO 168



Base
 Electrostatic spraying
 Spray coating on base
 for increased corrosion
 resistance



BO 190



Base
 Electrostatic spraying
 Spray coating on base
 for increased corrosion
 resistance

