

PL HEXA BOPLAN HEXA HEAVY DUTY SPECIFICATION SHEET

PRODUCT SPECIFICATIONS

APPLICATION

Environment	Wall protection Below a Boplan traffic barrier system Wheel stoppers / Wheel guides Indoor and outdoor use
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MATERIAL

Plinth	Polyolefin - UV resistant - Fire class E [*] - Non conductive - Impervious to most chemicals ^{**}
Endcap	SEBS rubber

STANDARD COLORS

Plinth	Yellow - Black
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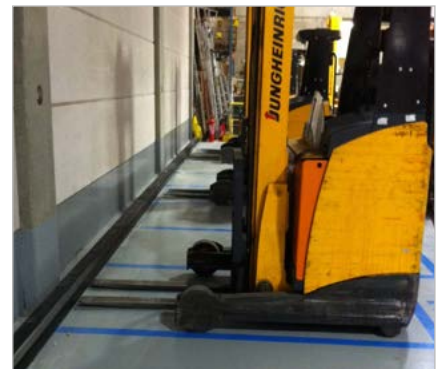
^{*}Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.

^{**}Ask your local sales office for resistance to specific chemicals.



FIXATIONS

		ZC (Zinc coated)	SS (Stainless steel)
STANDARD	Wedge anchor	 M16 x 140mm	Not available
	Anchor rod (Chemical)	 M16 x 120mm + Chemical resin	Not available
ALTERNATIVES	Concrete screw	 Ø17mm x 135mm	Not available
	Asphalt anchor	 Bolt M16 x 100mm + Screw Ø22mm	Not available



FEATURES AND FUNCTIONALITY PL HEXA HEAVY DUTY

SIZE	
Height	150 mm
Profile section	H 150 mm x W 190 mm (15 mm thick)
Standard rail length	1000 mm - 2000 mm - 3000 mm (other sizes: 500 mm - 4000 mm)

 IMPACT LABEL FOR SAFETY BARRIERS		
BOPLAN PL HEXA		
IMPACT RATING	45°	90° PAS 13:2017 compliant
E80 > 80 kJ		
E60 > 60 kJ		
E50 > 50 kJ		
E40 > 40 kJ		
E35 > 35 kJ		
E30 > 30 kJ		
E25 > 25 kJ		
E20 > 20 kJ		
E15 > 15 kJ	10,3 kJ	7,3 kJ
E10 > 10 kJ		
E5 > 5,0 kJ		
E2 > 2,5 kJ		
TEST CONDITIONS TEMPERATURE: 20°C IMPACT HEIGHT: 65 mm IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm MANUFACTURER ANCHOR PULL OUT: 7,9 kN	TEST VEHICLE WEIGHT: 2300 KG TYPE: COMMERCIAL FORK LIFT SIZE (L x W x h): 1890 x 1020 x 1970 mm CONTACT AREA: STEEL BUMPER WIDTH: 600 mm	BOPLAN TEST LAB  Muizelstraat 12 8560 Moorsele Belgium
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5		

REQUIREMENTS

Concrete quality	minimum C25/30
Concrete floor plate thickness (mm)	minimum 150
Operational temperature	-10°C up to +40°
Water and humidity	Zinc coated fixations: indoor and outdoor use in most environments

REFERENCE LIST PL HEXA HEAVY DUTY

	YELLOW	BLACK
500mm (2fix)	PL1500-0500-0001YE	PL1500-0500-0001BL
1000mm (2fix)	PL1500-1000-0001YE	PL1500-1000-0001BL
2000mm (3fix)	PL1500-2000-0001YE	PL1500-2000-0001BL
3000mm (4fix)	PL1500-3000-0001YE	PL1500-3000-0001BL
501-1300mm (2fix)	PL1500-1300-0001YE	PL1500-1300-0001BL
1301-2200mm (3fix)	PL1500-2200-0001YE	PL1500-2200-0001BL
2201-3100mm (4fix)	PL1500-3100-0001YE	PL1500-3100-0001BL
3101-4000mm (5fix)	PL1500-4000-0001YE	PL1500-4000-0001BL

