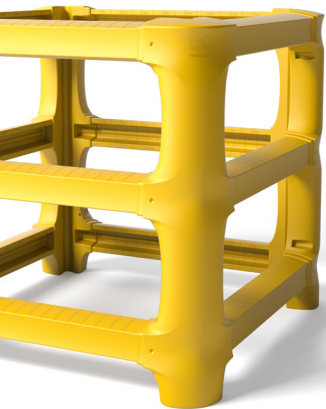




CP UNIVERSAL

COLUMN AND CORNER PROTECTION


Revision: 17 July 2024 2:00 PM
Boplan references:
CP0700-1100-S400YE
CP1000-1100-S400YE



PRODUCT SPECIFICATIONS

APPLICATION	
Environment	The Universal Column Protector (CP) is made to protect square and rectangular concrete pillars against manoeuvring vehicles. The CP0700 can be used for square pillars up to 700mm, the CP1000 for pillars up to 1000 mm. The legs of each of the 4 sides of the CP can be cut shorter to fit each size of pillar. Each Universal CP consists of 4 separate pieces that are assembled around a pillar.
Impact performance at 90°	CP: 2200 Joule (Eq. to 2,5 ton - 4,8 km/h)
MATERIAL	
CP Universal	Rexilene® - UV resistant - Fire class E [®] - Non conductive - Impervious to most chemicals ^{**}
STANDARD COLOURS	
CP Universal	Yellow RAL 1003
FIXATIONS	
To assemble the 4 pieces	12 x screw (Ø6 mm x 80 mm- Zinc coated)  x12
To fix to a concrete pillar	8 x concrete screw (Ø6 mm x 60 mm - Zinc coated)  x8
REQUIREMENTS	
Maximum pillars dimensions	200 mm x 200 mm up to 1000 mm x 1000 mm Fit for square and rectangular pillars
Environment	Indoor and outdoor use
Working Temperatures	-30°C up to +40°C

*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.

boplan IMPACT LABEL FOR SAFETY BARRIERS		
BOPLAN CP UNIVERSAL		
IMPACT RATING	45°	90°
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		
E10 > 10 kJ		
E5 > 5,0 kJ	3,1 kJ	
E2 > 2,5 kJ		2,2 kJ
TEST CONDITIONS	TEST VEHICLE	BOPLAN TEST LAB
TEMPERATURE: 20°C IMPACT HEIGHT: 1000 mm IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm MANUFACTURER ANCHOR PULL OUT: na	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	Muizelstraat 12 8560 Moorsele Belgium
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5		



FEATURES AND FUNCTIONALITY - CP UNIVERSAL

UNIVERSAL COLUMN PROTECTOR 700

	CP0700-1100-S400YE	CP0699-1100-S400YE
Inner dimension	Maximum 700 mm x 700 mm	Both sides variable: 200 mm - 699 mm
Outer dimension:	940 mm x 940 mm	Variable
Weight	28 kg (7 kg/ pc)	Variable

UNIVERSAL COLUMN PROTECTOR 1000

	CP1000-1100-S400YE	CP0999-1100-S400YE
Inner dimension	Maximum 1000 mm x 1000 mm	Both sides variable: 200 mm - 999 mm
Outer dimension:	1240 mm x 1240 mm	Variable
Weight	36 kg (9 kg/pc)	Variable

