

KP SERIES BOPLAN COLUMN AND CORNER PROTECTION

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Boplan reference: KP...

PRODUCT SPECIFICATIONS

APPLICATION	
Environment	Air columns for controlled impact absorption. Retains its original shape due to its extensive absorbing capacities. Column protectors prevent structural damage to columns, posts & pillars in warehouses, production halls, airports and parking facilities. Stackable on top of each other for higher protection.
Impact performance at 90°	KP: 2200 Joule (Eq. to 2,5 ton - 4,8 km/h)
MATERIAL	
Column protector	Polyethylene - UV resistant - Fire class E [*] - Non conductive - Impervious to most chemicals ^{**}
Straps	Velcro [®] ties
STANDARD COLOURS	
Column protector	H1100: Yellow RAL 1003 H500: Yellow RAL1003 & Red RAL 3002
Straps	Black
FIXATIONS	
Velcro straps	Black straps to hold both halves together
Bolt fixation (optional)	KP fixation set (2) ZC - H500 - 200/300 KP fixation set (4) ZC - H1100 - 100/150/200/300/400 KP fixation set (6) ZC - H1100 - 500/600
REQUIREMENTS	
Environment	Indoor and outdoor use
Working Temperatures	-10°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 COLUMN PROTECTORS	
IMPACT RATING	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
E2	< 2,5 kJ
2,2 kJ	
TEST CONDITIONS	TEST VEHICLE
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
BOPLAN TEST LAB	
Muizelstraat 12 8560 Moorsele Belgium	
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5	



REFERENCE LIST - KP SERIES

KP100 - H1100 mm	
KP1000-1100-S200YE	KP1000-1100-S100YE
2 halves (2 straps 1800mm included)	1 halve (2 straps 1800mm included)
KP150 - H1100 mm	
KP1500-1100-S200YE	KP1500-1100-S100YE
2 halves (2 straps 1800mm included)	1 halve (2 straps 1800mm included)
KP200 - H1100 mm	
KP2000-1100-S200YE	KP2000-1100-S100YE
2 halves (3 straps 2400mm included)	1 halve (3 straps 2400mm included)

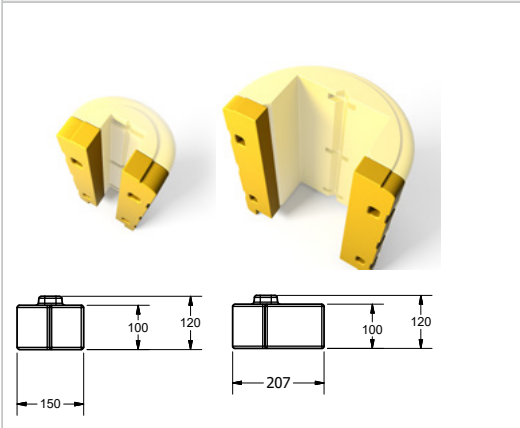
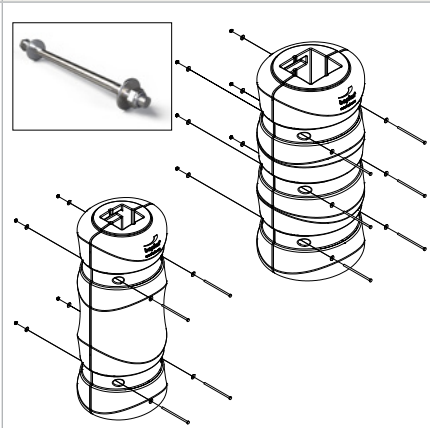
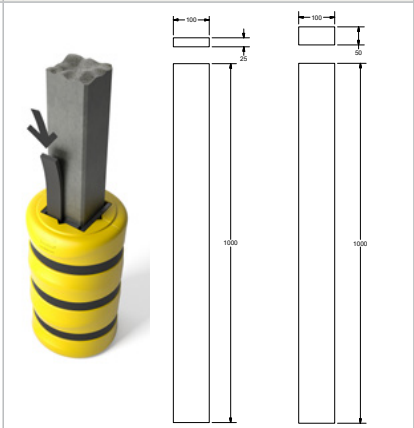
REFERENCE LIST - KP SERIES

KP200 - H500 mm	
KP2000-0500-S200YE KP2000-0500-S200RE ■	KP2000-0500-S100YE KP2000-0500-S100RE ■
2 halves (1 strap 2400mm included)	1 halve (1 strap 2400mm included)
KP300 - H1100 mm	
KP3000-1100-S200YE	KP3000-1100-S100YE
2 halves (3 straps 2400mm included)	1 halve (3 straps 2400mm included)
KP300 - H500 mm	
KP3000-0500-S200YE KP3000-0500-S200RE ■	KP3000-0500-S100YE KP3000-0500-S100RE ■
2 halves (1 strap 3400mm included)	1 halve (1 strap 3400mm included)

REFERENCE LIST - KP SERIES

KP400 - H1100 mm	
KP4000-1100-S200YE	KP4000-1100-S100YE
2 halves (3 straps 3400mm included)	1 halve (3 straps 3400mm included)
KP500 - H1100 mm	
KP5000-1100-S200YE	KP5000-1100-S100YE
2 halves (3 straps 3400mm included)	1 halve (3 straps 3400mm included)
KP600 - H1100 mm	
KP6000-1100-S200YE	KP6000-1100-S100YE
2 halves (3 straps 4000mm included)	1 halve (3 straps 4000mm included)

REFERENCE LIST - KP SERIES
ACCESSORIES

KP0099-1100-300YE KP0099-1100-600YE	KP0099-8180-S200ZC KP0099-8180-S400ZC KP0099-8180-S600ZC	KP0099-1000-1025BL KP0099-1000-1050BL
Extension for KP100/150/200/300 - H1100 mm - 100 mm - YE - 1 PIECE Extension for KP400/500/600 - H1100 mm - 100 mm - YE - 1 PIECE	Fixation set (2) for KP H500 - 200/300 Fixation set (4) for KP H1100 - 100/150/200/300/400 Fixation set (6) for KP H1100 - 500/600	KP Fill up foam - 25mm thick KP Fill up foam - 50mm thick
		

COLUMN STRAP SETS

KP0099-1800-S200BL	Column strap set (2) - 100/150 - L1800mm - BL	
KP0099-2400-S100BL	Column strap set (1) - 200/300 - L2400mm - BL	
KP0099-2400-S300BL	Column strap set (3) - 200/300 - L2400mm - BL	
KP0099-3400-S300BL	Column strap set (3) - 400/500 - L3400mm - BL	
KP0099-4000-S300BL	Column strap set (3) - 600 - L4000mm - BL	

