

# KP SERIES

## BOPLAN

### COLUMN

### PROTECTOR

## SPECIFICATION

## SHEET

Revision: 30 April 2021 11:45 AM  
Boplan reference: KP...

#### PRODUCT SPECIFICATIONS

##### APPLICATION

Environment	Air columns for controlled impact absorption. Retain its original shape thanks 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° (in JOULE)	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 COLORS

Column protector	Yellow
Straps	Black

##### FIXATIONS

Velcro straps	2 black straps to hold both halves together
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##### 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.



		IMPACT LABEL FOR SAFETY BARRIERS	
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	
<b>TEST CONDITIONS</b> TEMPERATURE: 20°C IMPACT HEIGHT: 1000 mm IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm MANUFACTURER ANCHOR PULL OUT: na		<b>TEST VEHICLE</b>  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	<b>BOPLAN TEST LAB</b>  Muizelstraat 12 8560 Moorsele Belgium
<b>SUCCESS CRITERIA</b> VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5			

