

# HP PLUS 2R HANDRAILS

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Boplan reference: HR1120-...








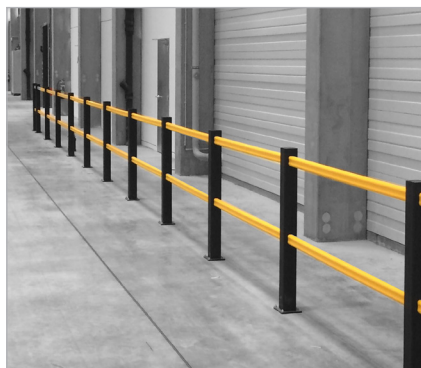
## PRODUCT SPECIFICATIONS

APPLICATION			
Protection	Robust and economic handrail system for the physical demarcation of pedestrian zones.		
Impact performance at 90°	POST:	3300 Joule (Eq. to 2,5 ton - 5,8 km/h)	
	RAIL:	3500 Joule (Eq. to 2,5 ton - 6,0 km/h)	
MATERIAL			
Posts and rails	Extrilene® - UV resistant - Fire class E° - Non conductive - Impervious to most chemicals**		
Caps	Sustainable elastomer		
STANDARD COLOURS			
End post / Mid post	Standard: Yellow RAL 1003 Alternative: Black RAL 9005		
Handrails	Standard: Yellow RAL 1003 Alternative: Black/Photolum; Black/Red; Black/Yellow; Yellow/black; Yellow/Photolum		
BASEPLATES			
	Steel	Zinc Coated Steel	Stainless steel
Material	Steel 37	Steel 37	Stainless steel 304
Coating	Lacquered	Electroplated + Laquered	No lacquer / No coating
Colour	High gloss black	Mat black	Natural colour

\*Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.



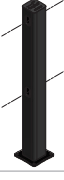

\*\*Ask your local sales office for resistance to specific chemicals.





FIXATIONS				
			ZC (Zinc coated)	SS (Stainless steel)
STANDARD	Wedge anchor		M12 x 120mm	M12 x 120mm
	Anchor rod (Chemical)		M12 x 120mm + Chemical resin	M12 x 120mm + Chemical resin
ALTERNATIVES	Concrete screw		Ø12mm x 100mm	Not available
	Asphalt anchor		Bolt M10 x 40mm + Screw Ø16mm	Not available
	Spit anchor		Bolt M12 x 100mm + Plug Ø20mm	Not available





**REFERENCE LIST - HP PLUS 2R**

POSTS			
	BLACK	MULTI Colour 	
End post - 2R End post - 2R - ZC End post - 2R - SS End post - 2R - CH End post - 2R - CH - ZC End post - 2R - CH - SS	HR1120-0001-EPBL HR1120-0001-EPBLZ HR1120-0001-EPBLS HR1120-0001-EPBLC HR1120-0001-EPBLCZ HR1120-0001-EPBLCSS	HR1120-0001-EPMC HR1120-0001-EPMCZ HR1120-0001-EPMCS - - -	
Mid post - 2R Mid post - 2R - ZC Mid post - 2R - SS Mid post - 2R - CH Mid post - 2R - CH - ZC Mid post - 2R - CH - SS	HR1120-0001-MPBL HR1120-0001-MPBLZ HR1120-0001-MPBLS HR1120-0001-MPBLC HR1120-0001-MPBLCZ HR1120-0001-MPBLCSS	HR1120-0001-MPMC HR1120-0001-MPMCZ HR1120-0001-MPMCS - - -	
T - post - 2R T - post - 2R - ZC T - post - 2R - SS T - post - 2R - CH T - post - 2R - CH - ZC T - post - 2R - CH - SS	HR1120-0001-TPBL HR1120-0001-TPBLZ HR1120-0001-TPBLS HR1120-0001-TPBLC HR1120-0001-TPBLCZ HR1120-0001-TPBLCSS	HR1120-0001-TPMC HR1120-0001-TPMCZ HR1120-0001-TPMCS - - -	

POSTS			
	BLACK	MULTI Colour 	
Blank post - 2R Blank post - 2R - ZC Blank post - 2R - SS Blank post - 2R - CH Blank post - 2R - CH - ZC Blank post - 2R - CH - SS	HP1120-0001-BPBL HP1120-0001-BPBLZ HP1120-0001-BPBLS HP1120-0001-BPBLC HP1120-0001-BPBLCZ HP1120-0001-BPBLCSS	HP1120-0001-BPMC HP1120-0001-BPMCZ HP1120-0001-BPMCS - - -	
Corner post 90° - 2R Corner post 90° - 2R - ZC Corner post 90° - 2R - SS Corner post 90° - 2R - CH Corner post 90° - 2R - CH - ZC Corner post 90° - 2R - CH - SS	HR1120-0001-C90BL HR1120-0001-C90BLZ HR1120-0001-C90BLS HR1120-0001-C90BLC HR1120-0001-C90BLCZ HR1120-0001-C90BLCSS	HR1120-0001-C90MC HR1120-0001-C90MCZ HR1120-0001-C90MCS - - -	
Corner post 135° - 2R Corner post 135° - 2R - ZC Corner post 135° - 2R - SS Corner post 135° - 2R - CH Corner post 135° - 2R - CH - ZC Corner post 135° - 2R - CH - SS	HR1120-0001-C45BL HR1120-0001-C45BLZ HR1120-0001-C45BLS HR1120-0001-C45BLC HR1120-0001-C45BLCZ HR1120-0001-C45BLCSS	HR1120-0001-C45MC HR1120-0001-C45MCZ HR1120-0001-C45MCS - - -	

**RAIL SETS (2R)**

center - center length	BLACK / PHOTOLUM	BLACK / RED	BLACK / YELLOW	YELLOW / BLACK	YELLOW	YELLOW / PHOTOLUM
500 mm	HR1120-0500-0001BP	HR1120-0500-0001BR	HR1120-0500-0001BY	HR1120-0500-0001YB	HR1120-0500-0001YE	HR1120-0500-0001YP
750 mm	HR1120-0750-0001BP	HR1120-0750-0001BR	HR1120-0750-0001BY	HR1120-0750-0001YB	HR1120-0750-0001YE	HR1120-0750-0001YP
1000 mm	HR1120-1000-0001BP	HR1120-1000-0001BR	HR1120-1000-0001BY	HR1120-1000-0001YB	HR1120-1000-0001YE	HR1120-1000-0001YP
1250 mm	HR1120-1250-0001BP	HR1120-1250-0001BR	HR1120-1250-0001BY	HR1120-1250-0001YB	HR1120-1250-0001YE	HR1120-1250-0001YP
1500 mm	HR1120-1500-0001BP	HR1120-1500-0001BR	HR1120-1500-0001BY	HR1120-1500-0001YB	HR1120-1500-0001YE	HR1120-1500-0001YP
1750 mm	HR1120-1750-0001BP	HR1120-1750-0001BR	HR1120-1750-0001BY	HR1120-1750-0001YB	HR1120-1750-0001YE	HR1120-1750-0001YP
2000 mm	HR1120-2000-0001BP	HR1120-2000-0001BR	HR1120-2000-0001BY	HR1120-2000-0001YB	HR1120-2000-0001YE	HR1120-2000-0001YP
250-2000 mm	HR1121-2000-0001BP	HR1121-2000-0001BR	HR1121-2000-0001BY	HR1121-2000-0001YB	HR1121-2000-0001YE	HR1121-2000-0001YP

**CORNER RAIL SETS (2R)**

Corner rail 90°/135°: 500mm	-	-	-	-	HR1120-0500-C90YE	-
Corner rail 90°/135°: 750mm	-	-	-	-	HR1120-0750-C90YE	-
Corner rail 90°/135°: 1000mm	-	-	-	-	HR1120-1000-C90YE	-
Corner rail 90°/135°: 1250mm	-	-	-	-	HR1120-1250-C90YE	-
Corner rail 90°/135°: 1500 mm	HR1120-1500-C90BP	HR1120-1500-C90BR	HR1120-1500-C90BY	HR1120-1500-C90YB	HR1120-1500-C90YE	HR1120-1500-C90YP
Corner rail 90°/135°: 250-2000 mm	HR1121-2000-C45BP	HR1121-2000-C45BR	HR1121-2000-C45BY	HR1121-2000-C45YB	HR1121-2000-C45YE	HR1121-2000-C45YP

