

HP PLUS 3R HANDRAILS

Revision: 30 May 2024 5:03 PM
Boplan reference: HP1120-...








PRODUCT SPECIFICATIONS

| APPLICATION | | | |
|---------------------------|--|--|-------------------------|
| Protection | Robust 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: | 5500 Joule (Eq. to 2,5 ton - 7,5 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.



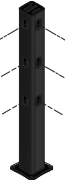

**Ask your local sales office for resistance to specific chemicals.

| | | 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 3R

| POSTS | | | |
|---|--|--|--|
| | BLACK | MULTI Colour  | |
| End post - 3R End post - 3R - ZC End post - 3R - SS End post - 3R - CH End post - 3R - CH - ZC End post - 3R - CH - SS | HP1120-0001-EPBL HP1120-0001-EPBLZ HP1120-0001-EPBLS HP1120-0001-EPBLC HP1120-0001-EPBLCZ HP1120-0001-EPBLCSS | HP1120-0001-EPMC HP1120-0001-EPMCZ HP1120-0001-EPMCS - - - |  |
| Mid post - 3R Mid post - 3R - ZC Mid post - 3R - SS Mid post - 3R - CH Mid post - 3R - CH - ZC Mid post - 3R - CH - SS | HP1120-0001-MPBL HP1120-0001-MPBLZ HP1120-0001-MPBLS HP1120-0001-MPBLC HP1120-0001-MPBLCZ HP1120-0001-MPBLCSS | HP1120-0001-MPMC HP1120-0001-MPMCZ HP1120-0001-MPMCS - - - |  |
| T - post - 3R T - post - 3R - ZC T - post - 3R - SS T - post - 3R - CH T - post - 3R - CH - ZC T - post - 3R - CH - SS | HP1120-0001-TPBL HP1120-0001-TPBLZ HP1120-0001-TPBLS HP1120-0001-TPBLC HP1120-0001-TPBLCZ HP1120-0001-TPBLCSS | HP1120-0001-TPMC HP1120-0001-TPMCZ HP1120-0001-TPMCS - - - |  |

| POSTS | | | |
|---|--|--|--|
| | BLACK | MULTI Colour  | |
| Blank post - 3R Blank post - 3R - ZC Blank post - 3R - SS Blank post - 3R - CH Blank post - 3R - CH - ZC Blank post - 3R - 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° - 3R Corner post 90° - 3R - ZC Corner post 90° - 3R - SS Corner post 90° - 3R - CH Corner post 90° - 3R - CH - ZC Corner post 90° - 3R - CH - SS | HP1120-0001-C90BL HP1120-0001-C90BLZ HP1120-0001-C90BLS HP1120-0001-C90BLC HP1120-0001-C90BLCZ HP1120-0001-C90BLCSS | HP1120-0001-C90MC HP1120-0001-C90MCZ HP1120-0001-C90MCS - - - |  |
| Corner post 135° - 3R Corner post 135° - 3R - ZC Corner post 135° - 3R - SS Corner post 135° - 3R - CH Corner post 135° - 3R - CH - ZC Corner post 135° - 3R - CH - SS | HP1120-0001-C45BL HP1120-0001-C45BLZ HP1120-0001-C45BLS HP1120-0001-C45BLC HP1120-0001-C45BLCZ HP1120-0001-C45BLCSS | HP1120-0001-C45MC HP1120-0001-C45MCZ HP1120-0001-C45MCS - - - |  |

RAIL SETS (3R)

| center - center length | BLACK / PHOTOLUM | BLACK / RED | BLACK / YELLOW | YELLOW / BLACK | YELLOW | YELLOW / PHOTOLUM |
|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 500 mm | HP1120-0500-0001BP | HP1120-0500-0001BR | HP1120-0500-0001BY | HP1120-0500-0001YB | HP1120-0500-0001YE | HP1120-0500-0001YP |
| 750 mm | HP1120-0750-0001BP | HP1120-0750-0001BR | HP1120-0750-0001BY | HP1120-0750-0001YB | HP1120-0750-0001YE | HP1120-0750-0001YP |
| 1000 mm | HP1120-1000-0001BP | HP1120-1000-0001BR | HP1120-1000-0001BY | HP1120-1000-0001YB | HP1120-1000-0001YE | HP1120-1000-0001YP |
| 1250 mm | HP1120-1250-0001BP | HP1120-1250-0001BR | HP1120-1250-0001BY | HP1120-1250-0001YB | HP1120-1250-0001YE | HP1120-1250-0001YP |
| 1500 mm | HP1120-1500-0001BP | HP1120-1500-0001BR | HP1120-1500-0001BY | HP1120-1500-0001YB | HP1120-1500-0001YE | HP1120-1500-0001YP |
| 1750 mm | HP1120-1750-0001BP | HP1120-1750-0001BR | HP1120-1750-0001BY | HP1120-1750-0001YB | HP1120-1750-0001YE | HP1120-1750-0001YP |
| 2000 mm | HP1120-2000-0001BP | HP1120-2000-0001BR | HP1120-2000-0001BY | HP1120-2000-0001YB | HP1120-2000-0001YE | HP1120-2000-0001YP |
| 250-2000 mm | HP1121-2000-0001BP | HP1121-2000-0001BR | HP1121-2000-0001BY | HP1121-2000-0001YB | HP1121-2000-0001YE | HP1121-2000-0001YP |

CORNER RAIL SETS (3R)

| | | | | | | |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Corner rail 90°/135°: 500mm | - | - | - | - | HP1120-0500-C90YE | - |
| Corner rail 90°/135°: 750mm | - | - | - | - | HP1120-0750-C90YE | - |
| Corner rail 90°/135°: 1000mm | - | - | - | - | HP1120-1000-C90YE | - |
| Corner rail 90°/135°: 1250mm | - | - | - | - | HP1120-1250-C90YE | - |
| Corner rail 90°/135°: 1500 mm | HP1120-1500-C90BP | HP1120-1500-C90BR | HP1120-1500-C90BY | HP1120-1500-C90YB | HP1120-1500-C90YE | HP1120-1500-C90YP |
| Corner rail 90°/135°: 250-2000 mm | HP1121-2000-C45BP | HP1121-2000-C45BR | HP1121-2000-C45BY | HP1121-2000-C45YB | HP1121-2000-C45YE | HP1121-2000-C45YP |



