

**Round post**

Herewith we confirm that the above mentioned products are in accordance with the following specification:

**1. Scope**

The Round post is made out of continuously hot-dip zinc coated steel stripe (Sendzimir) and subsequently polyester coated

There are two options: straight round post and the round post with bent arm (extension bent at an angle from the vertical).

The brace post is cut at one side under 45° and with a hook for fixation onto the round or Bekaclip® post

**1.1 Normative references**

EN 10326 Continuously hot-dip coated strip and sheet of structural steels – Technical delivery conditions

ASTM A 924 General requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process

**2. Raw material****2.1 Base Steel**

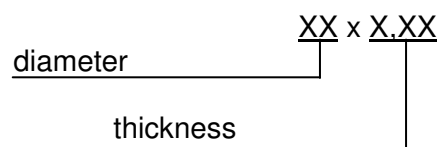
Chemical composition

Element	%
C	≤ 0,17
Mn	max. 1.40%
P	max. 0.045
S	max. 0,045

The steel is in accordance with the European Standard EN10025. The designation of the steel is: S235 or 1.0037.

**2.2 Polyester Coating**

The polyester is free of lead and cadmium

**2. Requirements****3.1 designation**

**Technical Data Sheet**

## Round post

### 3.2 Dimensions and tolerances

#### Roundpost

diameter mm	32± 0,15	38± 0,15	38± 0,15	42± 0,15	48± 0,15	48± 0,15	60± 0,15	76± 0,15
thickness mm	1,25± 0,10	1,25± 0,10	1,50± 0,10	1,50± 0,10	1,25± 0,15	1,50± 0,15	2,00± 0,20	2,00± 0,20
Height mm								
1200±5	X		X					
1500±5	X		X				-	-
1750±5		X			X			
2100±5				X		X		
2200±5							X	
2400± 7,5						X		
2500± 7,5				-			X	-
2600± 7,5						X		
2700± 7,5				-			X	
3000± 10							X	
3100± 10				-		X(1)		-
3250± 10							X(1)	
3500± 10				-		X(1)	X(1)	-
3750± 10						X(1)	X(1)	X
4000± 10							X(1)	
4750± 15							X(1)	X(1)
6000± 15							X(1)	

(1) holed posts at every 49,5cm, for fixation of the wireholders

X means stock product

#### round post with bent arm:

diameter mm	48± 0,15	60± 0,15
thickness mm	1,50± 0,15	2,00± 0,20
Height mm (1)		
3100± 7,5	X	-
3250± 7,5	-	X
3600± 7,5	X	X

(1) is the height of the corresponding straight round post

## Round post

### bracepost

diameter mm	32± 0,15	38± 0,15	48± 0,15
thickness mm	1,25± 0,10	1,50± 0,10	1,50± 0,15
Height mm			
1200±5	X		
1400±5	X		
1500±5		X	
1750±5		X	X
2000±5		X	
2200±5		X	
2500± 7,5		X	X
2700± 7,5		X	
3000± 10		X	X
3500± 10			X
4000± 10			X
4750± 15			X

X means stock product, in agreement other heights are possible

The polyester is free of lead and cadmium

### **3.3 Tensile strength**

The strength is specified by

tensile strength: min. 390 N/mm<sup>2</sup>

yield strength: min. 320 N/mm<sup>2</sup>

### **3.4 General Construction**

Posts are holed for fixing the mesh. The holes shall be free from obstructions and accurately positioned as specified in the drawings.

### **3.5 Zinc**

Zinc coating: min. of 275 g/m<sup>2</sup> as an average of 3 measurements and doubleside determined

### **3.6 Polyester coating**

- **Thickness:** min. 60 µm
- **Colour:** green RAL 6005
- **Adhesion:** make two scratches by means of a hard metal pointed graving tool, penetrating through the metal and intersecting at an angle of 30° ± 5°. Lift a 30° peak with the point of a knife. The coating shall not be able to be lifted from the metal by more than 5 mm.

**Round post**

- **Resistance of the polyester to salt spray:** make a rectangular diagonal cross by means of a hard metal pointed graving tool, penetrating through the metal. Test in accordance with ISO 9227 (neutral salt spray). After 720 h there shall be no corrosion beneath the polyester or loss of adhesion in excess of 10 mm from the diagonals and no signs of blistering, cracking or crazing on any part of the specimen.

**3.7 Packing**

The packing of the posts are as specified in the Bekaert catalogue or CD rom