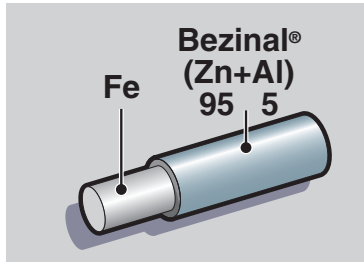


Bezinal[®] passport

What?



Bekaert Bezinal[®] is a Zn 95/Al 05 coating of Eutectic composition
Melting temperature: 382 °C
Trade Mark Bezinal[®]

Properties

- Excellent corrosion resistance = 2-3 x better than Zn for the same coating weight.
- Cathodic protection better than with Zn.
- Good corrosion resistance maintained at welding spots.
- Stress relieving at 250 °C 30min.
- Grey patina
- Ductility = easy deformation
- Low friction

Derived properties

Excellent coilability and productivity

- lower burring, flaking
- higher coiling speeds
- more consistent forming
- less scrap

Availability of larger, more economic packages, enhanced productivity.

2 qualities for Spring Wire

Bezinal[®]

>60 g/m² for wire sizes ≥ 1.25 mm
>240 hrs saltspray DIN 50021 SS
>40 g/m² for wire sizes < 1.25 mm
>120 hrs saltspray DIN 50021 SS

Bezinal[®] Extra

Coating acc to EN 10244 and Bek spec DA 02-05 Saltspray acc. to DIN 50021 SS

Coating g/m ²	size	salt spray
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> 70	1.25 mm	>240 hrs
> 75	1.50 mm	>264 hrs
> 80	1.75 mm	>264 hrs
> 85	2.00 mm	>288 hrs
> 100	2.50 mm	>312 hrs
> 110	3.00 mm	>360 hrs
> 125	4.00 mm	>408 hrs

only on demand

Make up

Spoolless cores:

KZ2ES	150 Kg
KZ2S	250 Kg
KZ2	400 Kg
KZ3	700 - 800 Kg

Applications

Bekaert Bezinal[®] has been designed as a better alternative to Zn coatings.

Bekaert Bezinal[®] Extra is an alternative to post-coated materials

e.g.:

- clips and wire forms
- wiperscreen arms
- several kinds of springs
- casing

