



## Why choose Bekaert?

### The wire drawing and coating specialist

Bekaert has the flexibility, the historical background, and the technical skills to create the product you need no matter what construction, shape, composition or mechanical characteristic. We have been in business for over 130 years and are available in over 120 countries.

### Optimize your application

Our extensive coating portfolio ranges from the standard galvanized solutions to the more sophisticated zinc aluminum Bezinal® range to numerous other materials (e.g. lacquer, polymers, ceramics, etc.). Bekaert's coatings can be applied separately (or combined) in whatever amount is needed, from nanometers to micrometers.

### Your strategic partner

Our global experience means that your products are manufactured to strict international standards of safety and quality. Our local presence means that we are at your service at all times. In the event of a question or concern, a trained professional will answer your call as soon as possible.

Whatever your application, we will work closely with you. Together, we will create a lasting solution that answers your needs.

## Bezinal® XP coated wire for reliable, superior corrosion resistant springs

**The ultimate spring wire for highly corrosive applications, no post-coating required**

### What can we offer you?

Bezinal® XP is a new type of zinc aluminum coated wire that has been specifically designed for spring applications used in highly humid or alkaline environments (e.g. automotive springs, industrial springs, etc...).

Its advanced properties offer superior corrosion resistance without requiring additional post-coating.

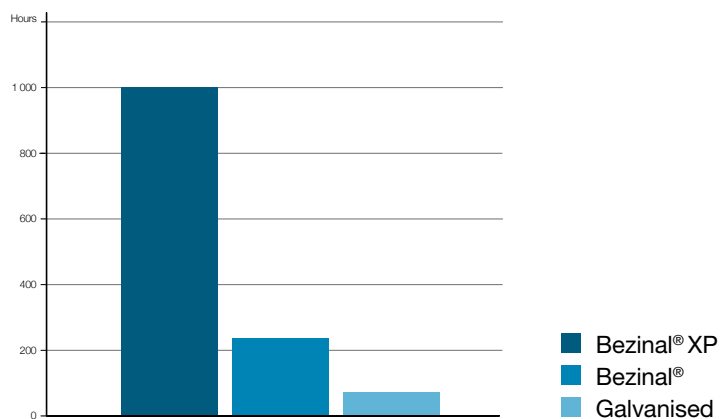
### Benefits

- Superior corrosion resistance
- Excellent cathodic protection at grinded and cut edges
- Improved white rust protection
- Retains properties even after exposure to stress-relieving temperatures
- Economic alternative to specific stainless steel spring applications

### Discover the performance of the next generation of Bezinal® pre-coated spring wire

Several corrosion tests like salt spray, Kesternich, humidity and outdoor exposure tests, have demonstrated that Bezinal® XP not only offers the best protection in its range but also outperforms traditional zinc coatings.

Moreover, this coating maintains this property even after heavy deformation and heat exposure, eliminating the need for complex, expensive and environmentally unfriendly post-coating processes.



Salt spray test according to ASTM B117 on wire diameters of >1.50 mm (hours until 5% dark brown rust)

Bekaert ([www.bekaert.com](http://www.bekaert.com)) is a world market and technology leader in steel wire transformation and coatings.

Bekaert (Euronext Brussels: BEKB) was established in 1880 and is a global company headquartered in Belgium, employing more than 25 000 people worldwide. Serving customers in 120 countries, Bekaert pursues sustainable profitable growth in all its activities.

Would you like to know more about our products and services?

Feel free to contact us.

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[www.bekaert.com](http://www.bekaert.com)

## Product range

	Static applications	Dynamic applications
Specification	DS-01-50	DS-01-50
EN-norm	10270-1 (SL/SM/SH)	10270-1 (DM/DH)
JIS-norm	G3521 (SWA/SWB/SWC)	G3522 (SWP-A/SWP-B)
ASTM-norm	A227 (Class I, II)	A228
Diameter	1.20-4.00 mm	1.20-4.00 mm
Salt spray resistance (ASTM B117)	On wire diameters <1.50 mm: min. 720 hours until 5% dark brown rust On wire diameters > 1.50 mm: min. 1000 hours until 5% dark brown rust	

## Packaging

- Conical spools for trouble-free unwinding



KZ 2 ES (150 kg)



KZ 2 S (250 kg)



KZ 2 (400 kg)

- Large metal spools



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