

@ BEKAERT

better together

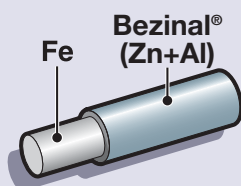
Bezinal[®] high corrosion resistant coating



Bekaert Bezinal®

technical data and test reports

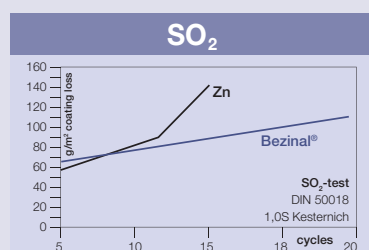
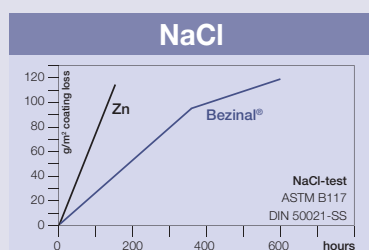
Bekaert Bezinal® is a Zn 95/Al 05 coating of Eutectic composition.
Melting temperature: 382°C.



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

Superior corrosion resistance

Bekaert Bezinal® gives a corrosion resistance that is up to 3 times better than Zinc in a Salt Spray Test (NaCl), and in an SO₂ atmosphere.

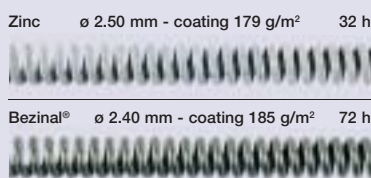


Cathodic protection

Bekaert Bezinal® gives a better cathodic protection than a traditional galvanising: i.e. an optimum protection for e.g. uncoated cut edges of steelwire.

Protection against humidity

In a humidity-room with 100% relative humidity and 40°C (DIN 50017), zinc coatings develop more quickly a 100% white rust compared to Bekaert Bezinal® coatings.



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.

Bekaert Bezinal® offers the following protection against corrosion

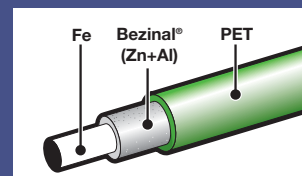
Coating	Size	Salt spray test (DIN 50021SS)
> 60 g/m ²	≥ 1.25 mm	> 240 hrs
> 40 g/m ²	< 1.25 mm	> 120 hrs



Related products

Bezoplast®

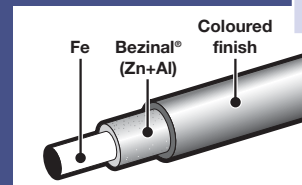
Your coloured alternative to stainless wire



- Excellent adhesion
- Good formability
- Very high corrosion protection
- Lower noise level
- 0,60 - 3,20 mm

Bezinal® Color Bezinal® Pro

NEW



- Excellent protection against white rust
- The coating withstands stress relieving temperature
- Good adhesion and formability
- Colour identification
- 1,00 - 3,00 mm