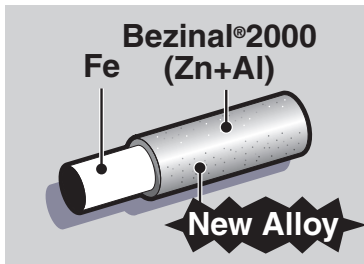


Bezinal® 2000 passport

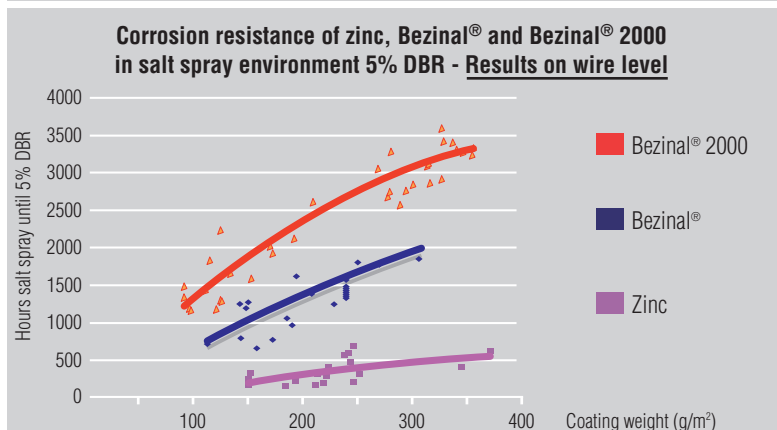
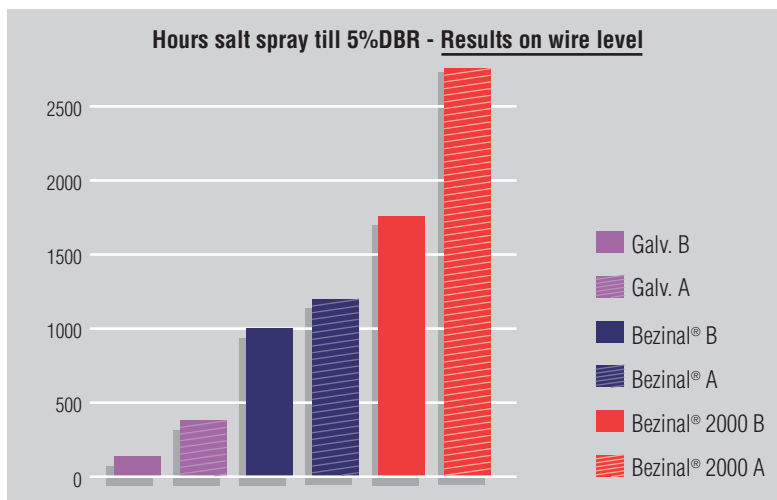
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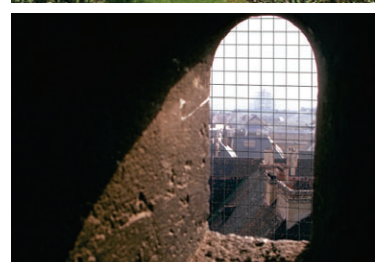
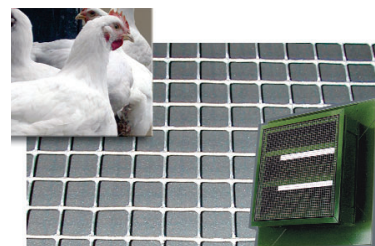
Bekaert Bezinal®2000 is an advanced zinc-alu alloy with superior corrosion resistance.

- Bekaert Bezinal® 2000 like Bekaert Bezinal® is an alternative to post coated wire products.
- For equal coating weights, Bekaert Bezinal® 2000 is 70 to 100% better than the usual Bekaert Bezinal (95Zn-5Al) !!
- For equal coating weights, Bekaert Bezinal® 2000 corrosion resistance is approximate 6 times better than galvanised wire !!
- Bekaert Bezinal® 2000 = more than 2000 hours salt spray resistance for full coat wires according to EN-10244-2 class A.

Comparison salt spray results Galv/Bezinal®/Bezinal® 2000
Hours before appearance of 5% DBR.
A&B classes according to EN-10244-2



Wire products: Thanks to the specific intermetallic layer of bezinal/bezinal2000, welding points made out of bezinal/bezinal 2000 wire have a far better corrosion resistance than welding points made out of galvanised wire.



Bezinal® 2000 passport

Other properties Bekaert Bezinal® 2000

- Extra high density of the passivation layer leading to enhanced salt spray results and to an extra slow corrosion process.
 - Improved sacrificial protection: Like Bekaert Bezinal®, Bekaert Bezinal® 2000 offers a more adequate cathodic protection of uncovered spots such as cut ends when compared to zinc.
 - Sustained corrosion resistance after welding. Bekaert Bezinal® 2000 coated wire guarantees superior corrosion protection at the welding points.
 - Heavily galvanised wire can be replaced by low coat Bezinal® 2000.
- Low coat Bezinal® 2000 means:
- less smoke generation during welding
 - less zinclud generation during straightening and cutting
- Increased and adequate formability: The FeZnAl interface of the Bekaert Bezinal® 2000 coating is ductile and therefore withstands heavy deformations.



- High- temperature performance compared to zinc coating. Exposure up to 350°C has no negative impact on the Bekaert Bezinal® 2000 coating.
- Dark grey patina.

Product information

Available for low carbon wire.

Tensile strength:

Tensile strength ranges from 400 up to 1100N/mm²

Diameter range: 1.60-6.00mm.

Mid coat solutions:

1.60-6.00mm according to EN-10244-2 class B.

Full coat solutions:

1.60-4.40mm according to EN-10244-2 class A.

4.41-6.00mm min 275g/m² coating weight.

Make-up

- ORBIT 26 coil for diameter range 1.60-6.00mm.

Applications Bekaert Bezinal® 2000

- **Bekaert Bezinal® 2000** is like **Bekaert Bezinal®**, a cost effective alternative for post-coated wire products.
- Wire for welded and woven gabions.
- Wire for welded panels.
- Wire for woven and welded fences.
- Wire for cages (chicken batteries, mink cages,....).
- Vineyard wire.
- Tensioning wire.
- Wire for anti hail netting.
- Safety or protection mesh.
- Wire for slate hooks.
- Wires for agricultural use: sheep fence, reindeer fence.
- Gun nails

