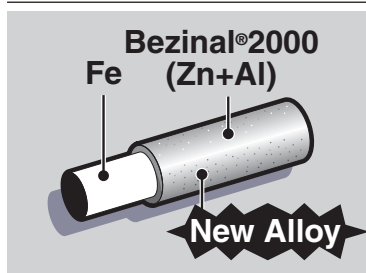


Bezinal® 2000 passport

NEW

What ?

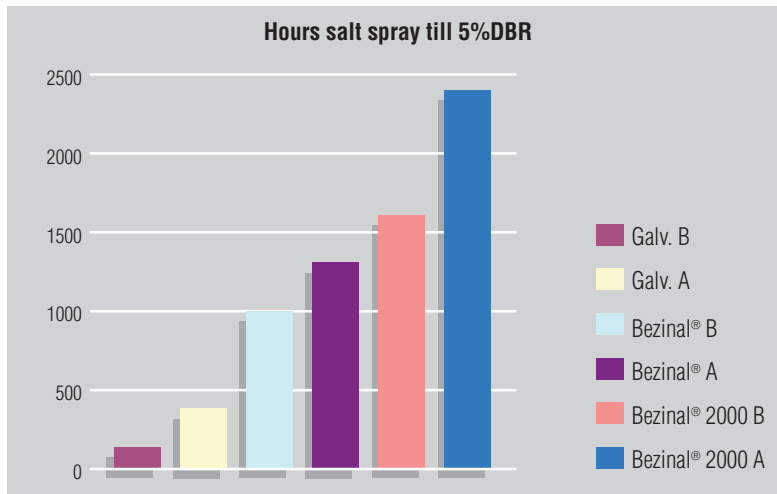


Bekaert Bezinal®2000 is an advanced zinc-alu alloy with outperforming corrosion resistance.

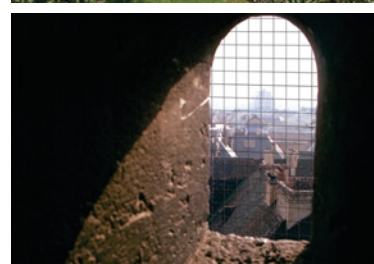
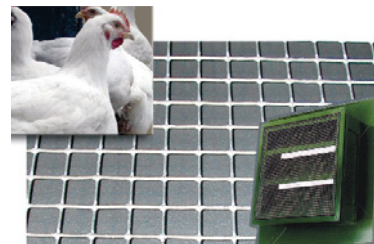
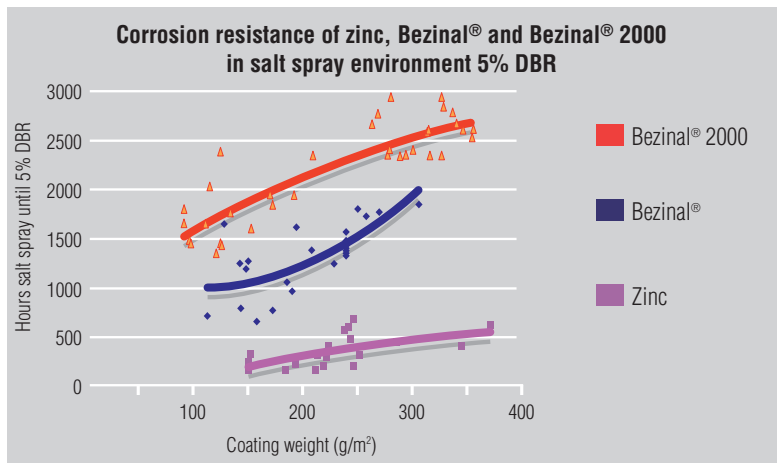
- Bekaert Bezinal® 2000 like Bekaert Bezinal® is an alternative to post coated wire products.
- For equal coating weights, Bekaert Bezinal® 2000 is 70 to 100% better than the usual Bekaert Bezinal (95Zn-5Al) !!
- For equal coating weights, Bekaert Bezinal® 2000 is approximate 6 times better than galvanised 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



Bezinal® 2000 passport

Other properties Bekaert Bezinal® 2000

- Extra high density of the passivation layer leading to outperforming 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 outperforming corrosion protection at the welding points.
- Heavy galvanized 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 info

Available for low carbon wire.

Tensile strength:

Tensile strength ranges from 450 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 275gr/m² coating weight.

Make-up

- ORBIT 26 for diameter range 1.60-5.00mm.
- ORBIT 32 for diameter range 5.01-6.00mm.

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

