

## Cathodic Protection Products

Dowel bars are a critical structural component in jointed concrete pavements. As increasing emphasis is placed on the need for long-life pavements, it becomes extremely important to use construction materials that are capable of performing satisfactorily for service lives of 50 years or more.

ARTAZN's LifeDowel™ utilizes proven zinc anode technology to protect the steel dowels from corrosion. The LifeDowel is produced by bonding solid zinc strip to the standard ASTM A615 steel dowel bar.

“High Performance” concrete pavement design using LifeDowels double the design life from 25 years to 50 years, but only cost 20-25% more to pave than conventional concrete pavement designs.





## Cathodic Protection Products

Contact our sales team for more information about our company and products.

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### LifeDowel™ is:

- ◆ The Best Choice for Fighting Chloride-Induced Corrosion
- ◆ Designed for High Performance Concrete Pavements
- ◆ Zinc Cladding is 8X Heavier than Standard Galvanizing
- ◆ Dual Corrosion Protection – Barrier and Galvanic
- ◆ Less Than Half the Weight – Easier and Safer to Handle
- ◆ Meets or Exceeds Load and Deflection Test Criterion
- ◆ Cost Effective Choice for High Performance Design
- ◆ Low Life – Cycle Costs

### Specifications:

- ◆ Material:
  - ◆ Steel – Carbon Tube per ASTM A513
  - ◆ Zinc – A710, conforming to ASTM B69, UNS Z41121 and ASTM B6
- ◆ Wall Thickness:
  - ◆ Steel – 0.118" min
  - ◆ Zinc – 0.035" min



### Other Cathodic Protection Products:

LifeJacket®

LifePanel®

LifeAnode™