



The World's Greatest New Age Construction Materials

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# IRN – DRV /DRV (SR)

**IRN—DRV: A Multi-Layer Rapid Set Skid Resistant Hi-Friction Polymer Overlay For Bridge and Parking Decks. IRN – DRV (SR) is the Sag resistant version made for ramps and other sloping areas.**

## Product Description:

A 2 component Anti-Skid High Friction Impermeable Multi-Layer Epoxy Polymer Overlay System to provide long term protection of the underlying steel against the serious corrosive effect of chloride ions penetration. Application is typically between 30 and 60 mils before aggregate is broadcast into it. After cure (2-3 hours at 75 degrees) excess aggregate can be removed.

Depending on the expected traffic on the surface this can be a single or double layer system.

- Double layer systems are recommended for continuous heavy vehicle traffic like a highway bridge.
- Parking garages, ramps etc. usually only call for a single layer.

## Advantages

- Creates impermeable system to protect rebar from corrosion
- Maintainable, repairable system
- Interior or exterior applications
- Expedient return to service (2-3 hours at 75 degrees)
- Simple 1:1 mix Ratio
- 100% Solids

## Technical Data:

- Gel Time: 15-30 minutes
- Tensile Elongation: 30-80%
- Bond Strength to concrete: Concrete failure >300 psi
- Water absorption: (ASTM D 570) 7 Days - < 0.1%
- Shelf Life: 2 Years if stored correctly
- See Technical application bulletin for more details

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