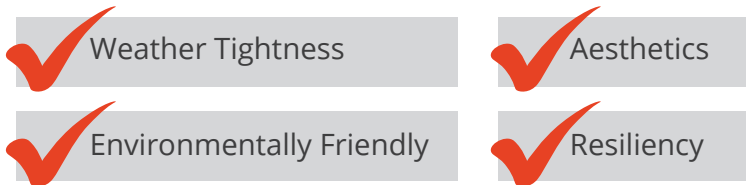


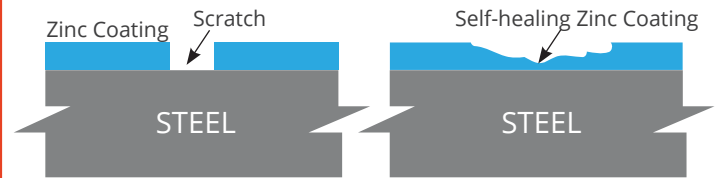
# NWR EDUCATION SERIES

## METAL ROOFING: History of Materials & Application

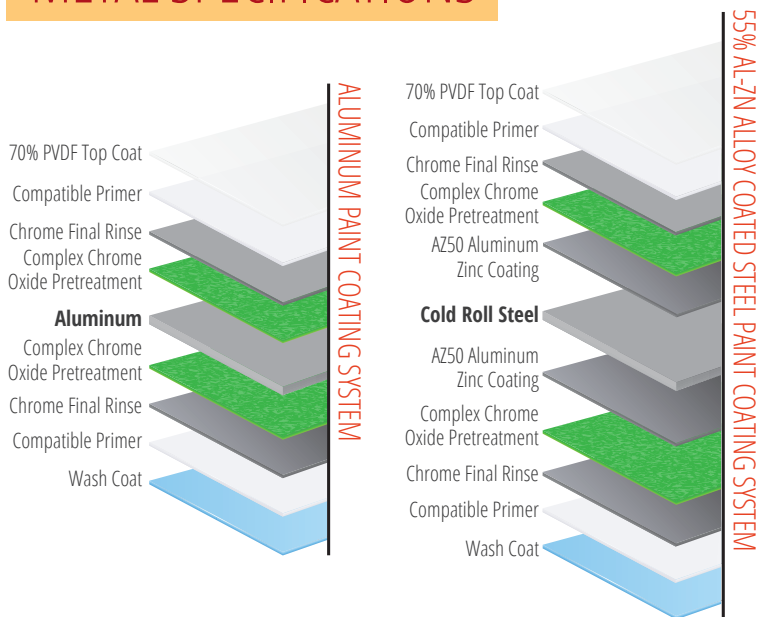
### Metal is a Timeless Roofing Material



### Mechanism of Corrosion for Galvanized Steel

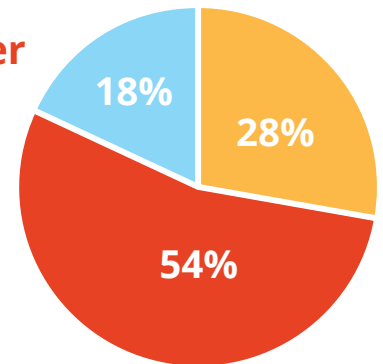


### METAL SPECIFICATIONS



### Fluoropolymer (Paint) Raw Materials...

- Resin
- Pigments
- Solvents



### WATER EFFICIENCY WITH METAL ROOFS

EPA recommends integrating rainwater harvesting systems with metal roofs

Rainwater captured can be used for irrigation or building use

One inch of rain on one square foot of metal roof equals .623 gallons of captured water

Can qualify for up to 8 LEEDv4 points in water efficiency category for outdoor water use reduction

### Metal Roofs Benefit the Environment

- 💡 Energy-efficient
- ♻️ Waste Management
- 💧 Water Control
- 🏆 Possible LEED Credits
- ♻️ Recycling
- 📅 Longevity
- ☀️ Solar-ready Systems
- 🏠 Re-roof over existing materials
- 🌡️ Cool Pigment Technology
- 🌀 ASV – Above sheath ventilation

For more in-depth resources and to watch the complete webinar visit [www.NationalWomeninRoofing.com/home/education/webinars/](http://www.NationalWomeninRoofing.com/home/education/webinars/)

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