

DOES THE PAINT ON YOUR METAL ROOF MATTER?



Your Roof. For Life.™

AkzoNobel utilizes an independent certified exposure farm in Homestead, FL., in addition to a global network of testing sites as part of AkzoNobel. Because of the extreme high level of UV; moisture and heat, year round, South Florida provides the perfect exposure region for accelerated real world testing.

WHAT MAKES A QUALITY COATING?:

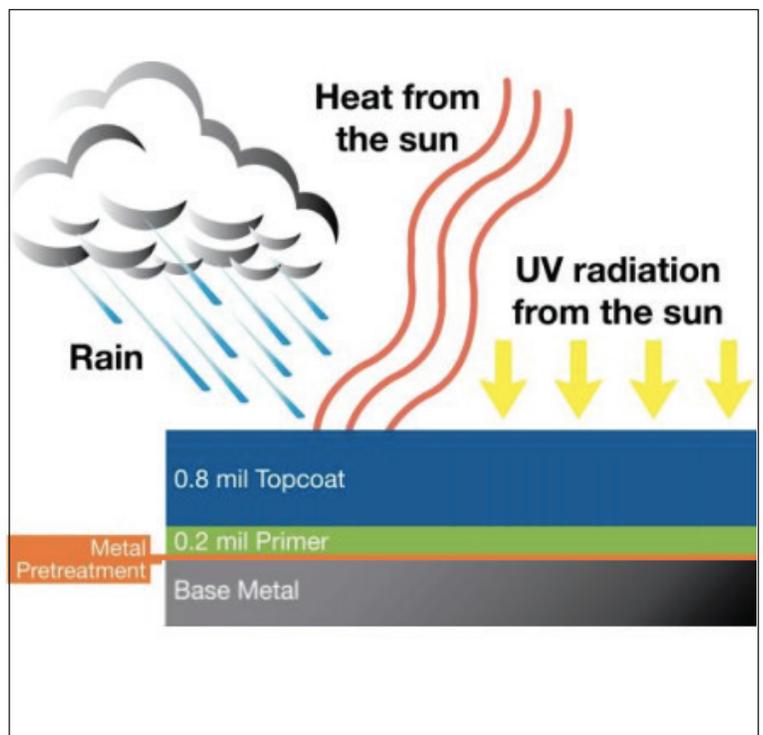
- ✓ Gloss retention
- ✓ Chalk resistance
- ✓ Fade resistance
- ✓ Film integrity

SMP PRODUCTS TESTED:

- ✓ AkzoNobel CERAM-A-STAR® 1050
- ✓ Popular Competitive SMP

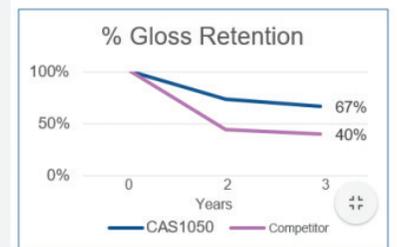
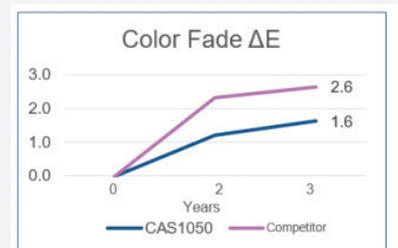
TEST DETAILS:

- ✓ Ongoing testing of SMP coatings for film integrity, chalk, color change and gloss retention due to weather exposure
- ✓ Actual 3.0 years of 45 degree South Florida testing:
 - 6 years equivalency North of Jacksonville, FL - non vertical exposure angle
 - 9 years equivalency North of Jacksonville, FL - vertical of 45 degrees S. Florida accelerated testing



RESULTS – ALL COLORS AFTER 3 YEARS

CERAM-A-STAR® 1050 performs better than popular competitor in Color Fade and Gloss Retention across all color options. When looking at an average of all colors, CERAM-A-STAR® 1050 performed: 1.6 ΔE in Color Fade 67% in Gloss Retention



MEDIUM COLORS:

CERAM-A-STAR® 1050 performs better than popular competitor in Color Fade (1.7 ΔE vs. 3.1 ΔE) and Gloss Retention (74% vs. 36%) in Medium Colors. When looking at an average of medium colors, competition degrades roughly 2X more than CERAM-A-STAR® 1050 for color fade and gloss retention!



DARK COLORS:

CERAM-A-STAR® 1050 performs better than popular competitor in Color Fade (1.5 ΔE vs. 3.3 ΔE) and Gloss Retention (72% vs. 37%) in Dark Colors. When looking at an average of dark colors, competition degrades roughly 2X quicker than CERAM-A-STAR® 1050 for color fade and gloss retention!



DID ANYTHING REALLY CHANGE?

CERAM-A-STAR® 1050 data extends back 15 years, compared to:

- ✓ Second (current) generation SMP introduced 6 years ago (3 years of testing data)
- ✓ Previous (last) generation SMP introduced in 2004 through 2014 (6 years of testing examples shown below)



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Research conducted by AkzoNobel