



# **SPI COATINGS**

PROVEN PERFORMANCE • REAL WORLD SOLUTIONS

## **SUPER THERM<sup>®</sup>**

**30 YEARS PROOF OF DURABILITY AND PERFORMANCE**

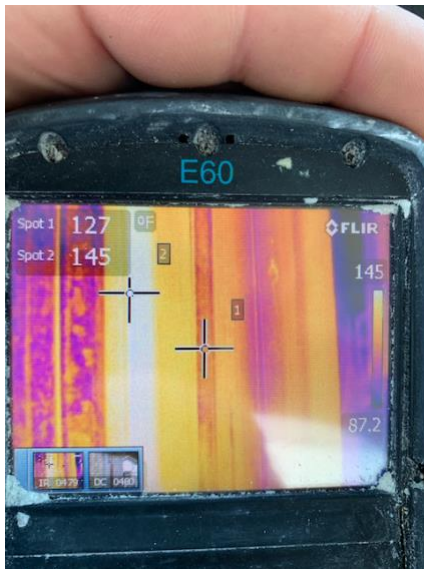
**Super Therm<sup>®</sup> was Originally Applied to Factory Roof of K-TECH in Grainfield, Kansas in 1989.**



**Super Therm<sup>®</sup> was Inspected and Tested for Durability and Performance on July 10, 2019 – 30 Years Later. NO Deterioration, NO Failures, and NO Loss of Performance.**



## Super Therm® on July 10, 2019



Temperature on Top of Roof  
145 Degrees F



Temperature on Top of Super Therm®  
98.4 Degrees F

- Drop in Surface Temperature of 47 degrees F with outside ambient air temperature of 90 degrees F after 30 years (8 degrees above ambient).
- Original coating film thickness was 15 mils; current film thickness is 13 mils – loss of 2 mils over 30 years is remarkable for a water-based coating.
- Super Therm® prevents thermal shock – no expansion or contraction – extends life and reduces maintenance for metal roof.
- No change in appearance over 30 years – still bright white with no tears, cracks, flaking, lifting, separating, or loss of adhesion in coating film.
- K-TECK is a manufacturing facility located in Grainfield, Western Kansas.
- Climate is very severe with -5° F (-21°C) in winter with snow and ice and with 100° F (38°C) in summer with sand-storms and very strong solar radiation.