Project: Heat stability of RG 2400® AK **Work request :** Mech 19-3 B

Date started: 7/3/19 **Testing concluded:** 7/10/19

Scope: Test RG 2400® AK for heat stability.

Summary: After 168 hours of exposure to 250 ºF heat, there was no noticeable degradation of the coating. Material remained soft to the touch and can easily be spread using minimum force.

Procedure:

- To clean steel Q- panels apply RG 2400® AK at a thickness 30 mils WFT.
- Place in forced air oven at 250 ºF for 168 hours.
- Remove and visually inspect for any degradation.

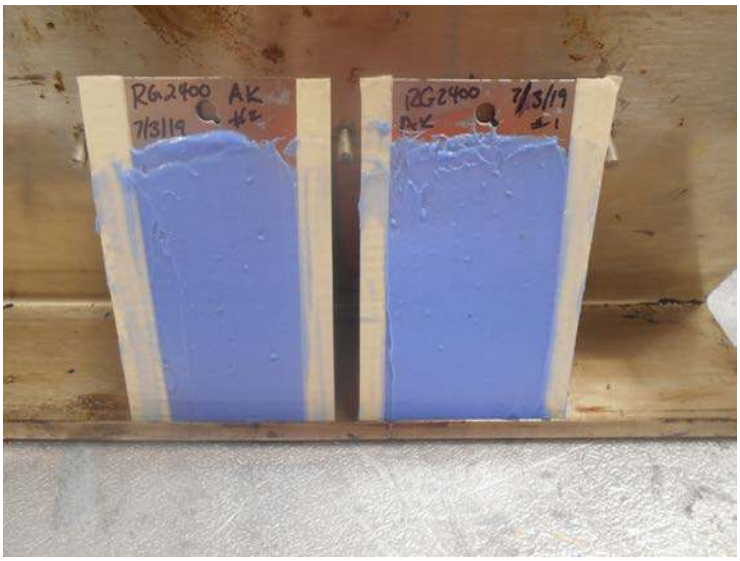
Material tested:

- **RG 2400® AK- lot # unknown- test at 250 F**

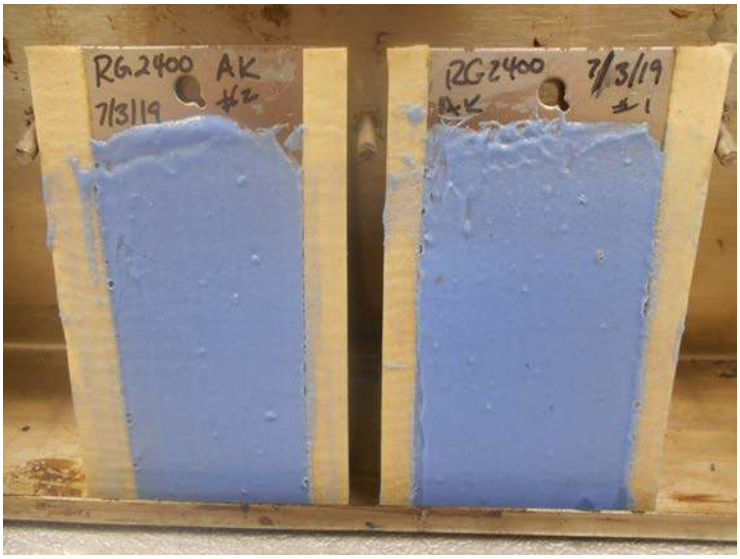
Results:

RG 2400® AK samples were prepared on July 3, 2019 and placed into a forced air oven at 12:35 pm. Oven temperature was 250 ºF and sample thickness of 28 mils WFT.

On July 10, 2019 at 12:35 pm , samples were removed from the oven.

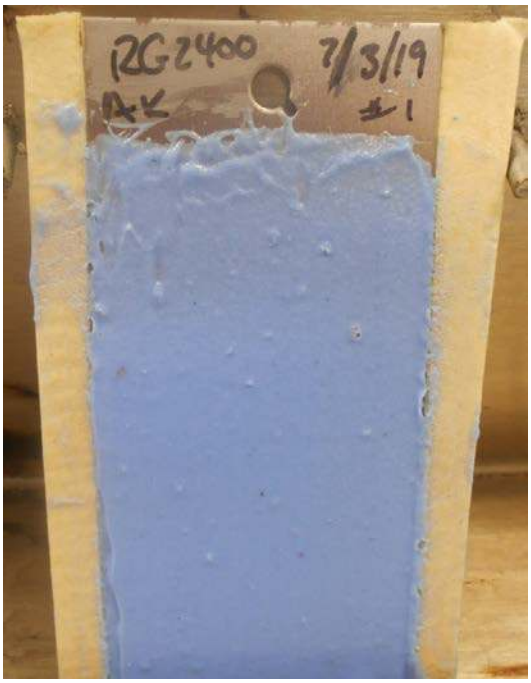


Samples prior to heat exposure

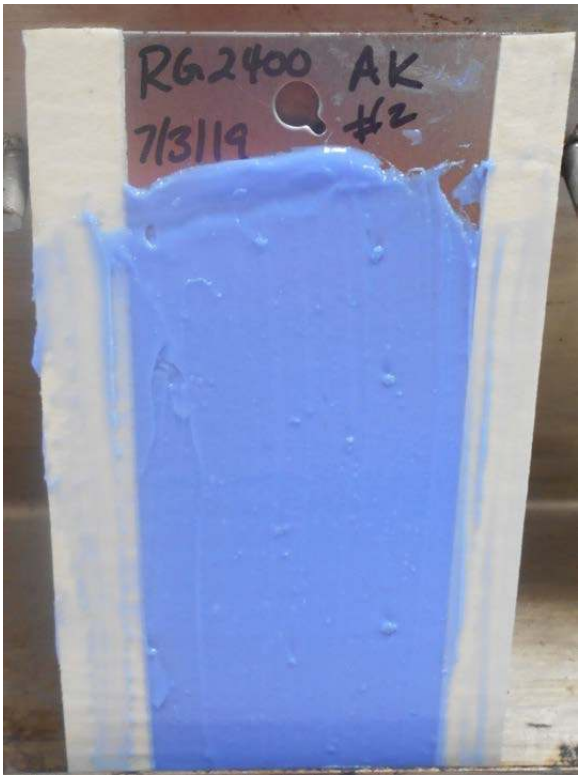


Samples post heat exposure

Sample 1 pre heat exposure



Sample 1 – post heat exposure



Sample 2 pre heat exposure

Sample 2 – post heat exposure