

Project: Heat stability of RG 2400® ET

Work request : Mech 19-3 E

Date started: 8/12/19

Testing concluded: 8/19/19

Scope: Test RG 2400® ET for heat stability.

Summary: After 168 hours of exposure to 350 °F heat, there was no noticeable degradation of the coating. Material remained soft to the touch and could easily be spread using minimum force. There was a noticeable change in color from a bright blue to a pale blue.

Procedure:

- To clean steel Q- panels apply RG 2400® ET at a thickness 30 mils WFT.
- Place in forced air oven at 350 °F for 168 hours.
- Remove and visually inspect for any degradation.

Material tested:

- **RG 2400® ET- lot # lab mix- test at 350 F**

Results:

RG 2400® ET samples were prepared on August 12, 2019 and placed into a forced air oven at 3:35 pm. Oven temperature was 350 °F and sample thickness of 30 mils WFT.

On August 19, 2019 at 3:35 pm , samples were removed from the oven.



Samples prior to heat exposure



Samples post heat exposure



Sample 1 pre heat exposure



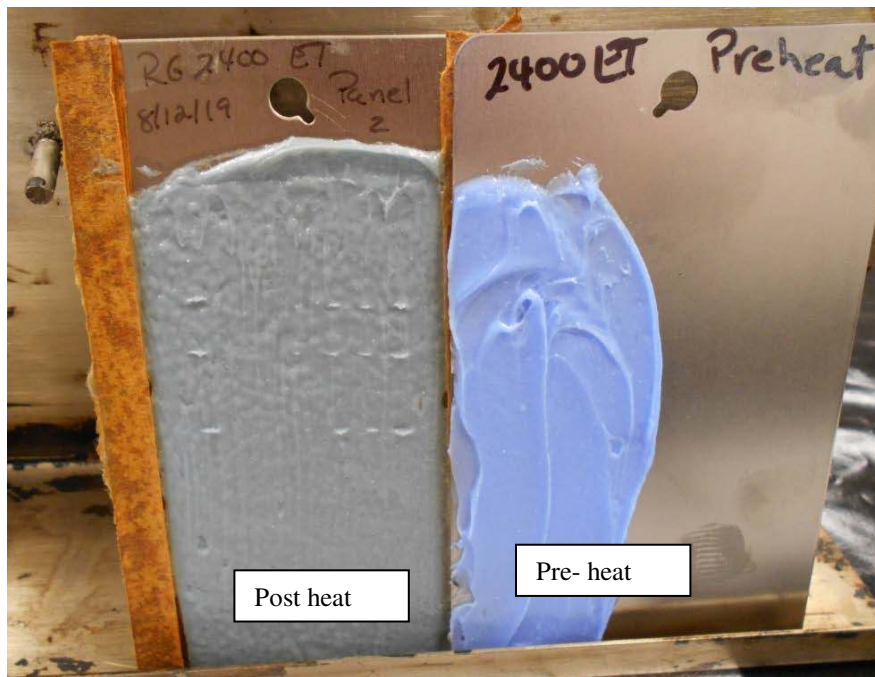
Sample 1 – post heat exposure



Sample 2 pre heat exposure



Sample 2 - post heat exposure



Color comparison pre & post heated samples