

Project: Heat stability of RG 2400® LT

Work request : Mech 19-3

Date started: 6/6/19

Testing concluded: 6/14/19

Scope: Test RG 2400® LT for heat stability.

Summary: After 167 hours of exposure to 250 °F 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® LT at a thickness 30 mils WFT.
- Place in forced air oven at 250 °F for 167 hours.
- Remove and visually inspect for any degradation.

Material tested:

- **RG 2400® LT- lot # 052819- test at 250 F**

Results:

RG 2400® LT samples were prepared on June 6, 2019 and placed into a forced air oven at 11:35 am. Oven temperature was 250 °F and sample thickness of 30 mils WFT.

On June 13, 2019 at 11:30 am , samples were removed from the oven.



Samples prior to heat exposure



Both samples after 167 hours of exposure at 250 F

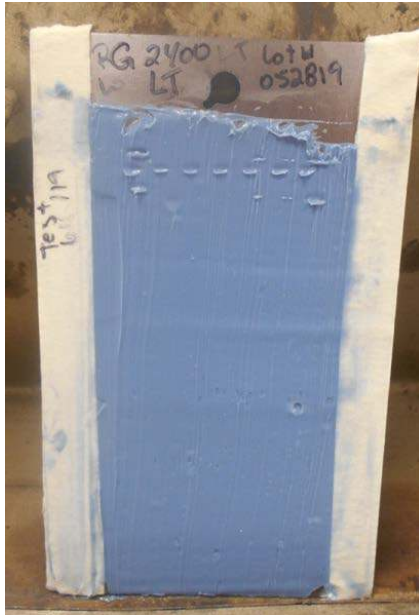
Individual samples



Pre-exposure



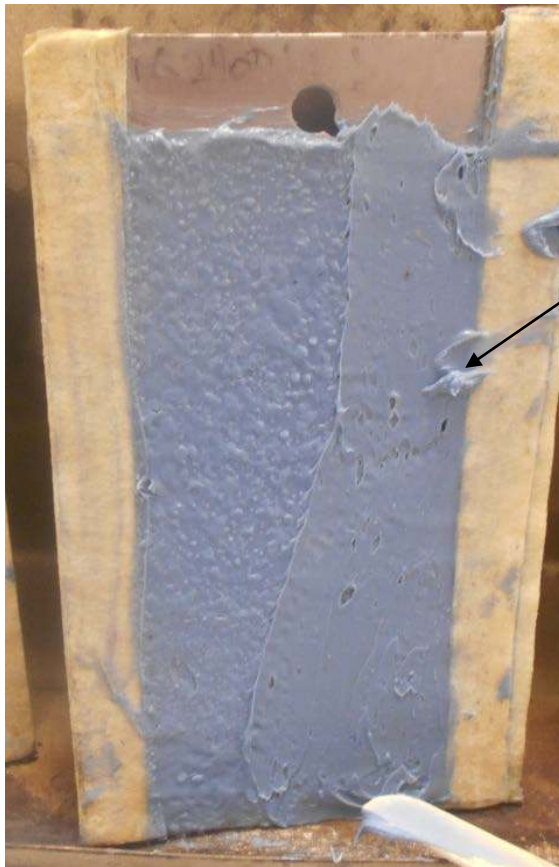
Post exposure



Pre-exposure



Post exposure



The right side of the panel shows the workability of the RG 2400[®] LT after the coating has been exposure to 250 °F for 167 hours.