



*Special Coatings for Special Applications*

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Re: Hot Tire Pick Up Test Results

Procedure: A 6x6x3 concrete panel was treated with the appropriate product at a coverage rate of 300 sq ft per gallon and allowed to cure for 24 hrs. A lightly used car tire (sports model) was obtained from a tire store and cut into sections. One section of tire was heated to 140° F in an oven for one hour. The tire was then clamped to the treated concrete panel under 1000 lbs of pressure, and placed back in the oven at 140 ° F for 15 minutes. The whole apparatus was then allowed to cool to room temperature for one hour before the tire was removed and the panel examined for blemishes. The samples were evaluated on the scale shown below, and then lightly washed with warm water to remove the marks before being reevaluated on the same scale. Results are as follows.

Tire Pick Up Scale

- 0 – No markings
- 1 – Light marking
- 2 – Heavy marking
- 3 – Heavy marking, some bubbling of film
- 4 – Heavy marking, minor film delamination
- 5 – Heavy marking, significant film delamination

Results

Untreated Concrete:

Prewash – 0

Post wash – 0

Smith's Seal W/B

Prewash – 2

Post wash – 0/1

Images:



Untreated Concrete



Smith's Seal WB – Prewash



Smith's Seal WB – Post wash