

Hot Tire Pick Up Results

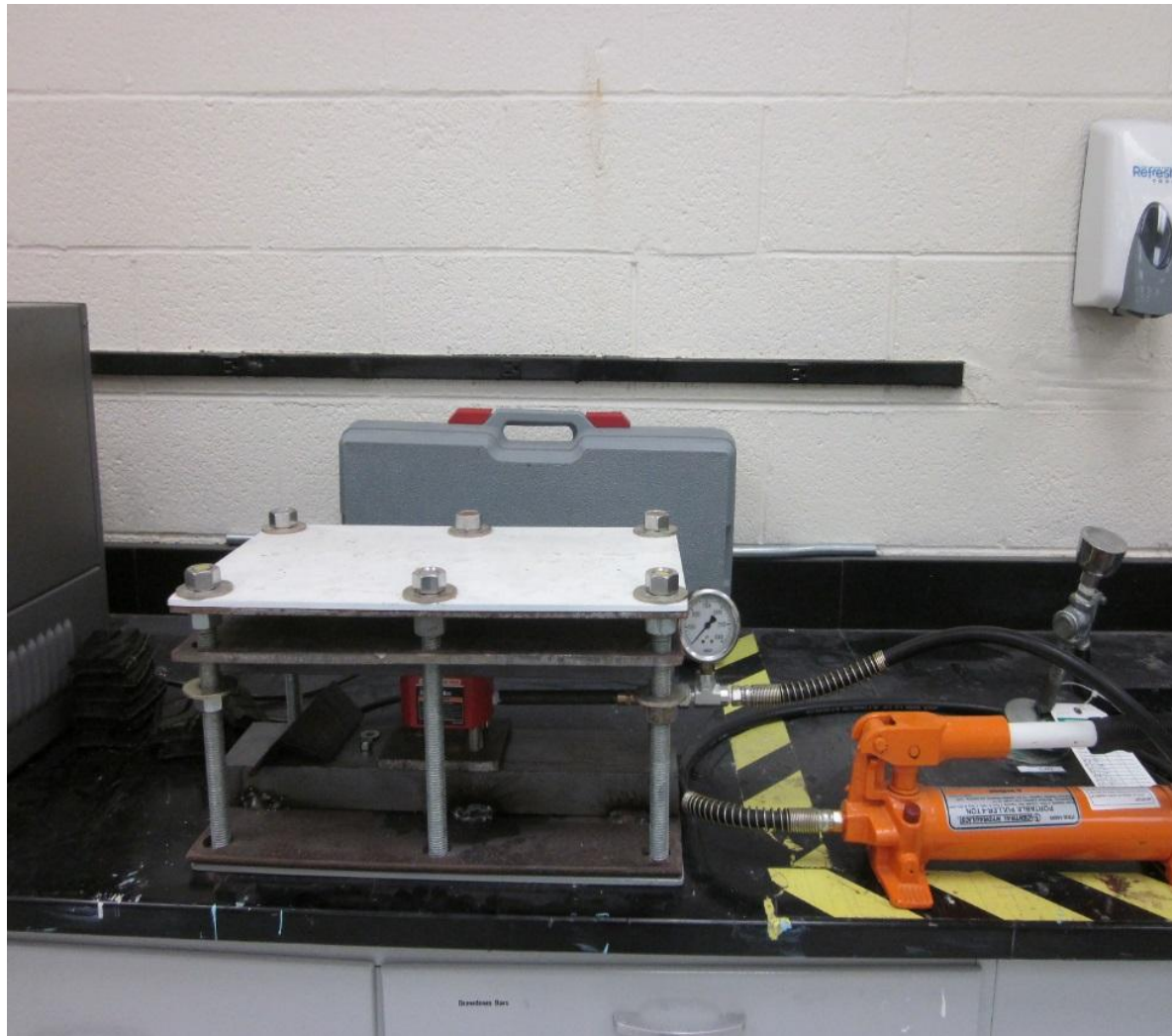


Hot Tire Pickup Test Method

1. The coatings are applied to red quarry tiles using a paint brush. The coatings are allowed to air dry for 7 days.
2. Each coating is tested with two different preconditions:
 - Tile is placed in an oven at 60°C for 30 minutes.
 - Tile is immersed in water at room temperature for 30 minutes.
3. Two pieces (2.5 in. X 4 in.) of a Potenza RE760 Sport tire are preheated for 30 minutes at 60°C then placed on each tile.
4. Pressure is applied with a hydraulic press at 35 lbs/in². Calculation: two tiles with two 10 in² tire pieces each requires 1400 lbs of pressure (10 in² X 2 pieces per tile X 2 tiles X 35 lbs/in²).
5. Pressure is applied at room temperature for 90 minutes.
6. After 90 Minutes, the pressure is released and the tiles + tires are removed from the press.
7. The tires are removed from the tiles and degree of force needed for separation is noted.
8. The tiles are cleaned with soap and water.
9. The delamination and staining are assessed.



Hot Tire Pickup Test Apparatus



Maxon Technologies Epoxy



Precondition
30 minutes @ 60C

Precondition
30 minutes wet



FP US 3687-12



Precondition
30 minutes @ 60C

Precondition
30 minutes wet



Conclusions

- Maxon Technology Epoxy coating has excellent hot tire pick up resistance with only very slight marking and no delamination
- White coating made from AC 3687 has excellent hot tire pick up resistance with slight marking and no delamination.
- Maxon Technologies epoxy coating is slightly better than AC 3687 coating for hot tire pick up resistance.

