



Panel Thickness SOP-LANE-5

STANDARD OPERATING PROCEDURES

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PURPOSE

To determine the average thickness of the lane panels.

MATERIALS

1. Lane panel or overlay sample to be tested, measuring 6" x 36"
2. Caliper with breakaway feature (capable of measuring to 0.001")
3. Towel
4. Isopropyl alcohol

EQUIPMENT / SET UP PROCEDURE

1. Samples must be tested when they are within the temperature range of 70-77 deg F. The room thermostat should be set so the sample surface temperature is between 70-74 degrees. The surface should be removed from packaging to allow the air to circulate and acclimate the sample to the environment for at least 24 hours.

TESTING PROCEDURE

Data Collection

1. Place the sample to be measured on a flat surface.
2. Using the infrared thermometer, check three different locations on the sample surface to assure temperature is within the required range and record in the test sheet.
 - a. If surface temperatures are not within the required range, allow samples to acclimate, then restart the test.
3. Clean the sample surface with isopropyl alcohol and allow it to dry completely.
4. Slide caliper around the edge of the lane surface sample and tighten until it reaches the breakaway.
5. Record the measurement for that location into the lane panel test sheet.
6. Move caliper to another location on the lane surface sample and repeat steps 4 and 5 until you have recorded 10 measurements.
7. The lane panel test sheet will average 10 readings which will be the hardness value for that sample.

CALIBRATION

The caliper is to be sent for professional calibration annually.