

2022 AASHTO re:source Traffic Paint Proficiency Samples 69 and 70 Instructions for Testing and Reporting

Closing Date: November 10th, 2022

All tests should be conducted on each of the two samples according to the methods indicated. Report the results of a single determination only, not the average of two or more, except in cases where an average is called for in the method. For any tests that you do not perform, leave the appropriate spaces on the data sheet blank.

Note Regarding the Samples: Be aware that both samples consist of yellow, fast-dry, waterborne traffic paint. However, the paint for sample 69(A) is not necessarily identical to the paint for sample 70(B).

Also Note: The outside of the box is labeled samples 69(A) and 70(B). The cans inside the box are labeled only (A) or (B). The can labeled **(A) is sample 69**. The can labeled **(B) is sample 70**.

Treat each sample as you would treat a typical testing sample.

Directions for the individual tests on Sample No. 69(A) and Sample No. 70(B) follow:

Consistency of Paints Using a Stormer Viscometer (ASTM D562-10):

Determine the load required to produce a rotational frequency of 200 r/min at 25°C and report this load to the nearest gram (or to the nearest 5 grams when using Procedure B of Method A). Calculate and report the consistency at 25°C to the nearest Krebs Unit.

Density of Liquid Coatings, Inks, and Related Products (ASTM D1475-13):

Determine the density of the paint in pounds per gallon at 25°C and report the density to the nearest 0.001 lb/gal.

Pigment Content of Water-Emulsion Paints by Low-Temperature Ashing (ASTM D3723-22):

Determine the percent pigment by weight of paint and report to the nearest 0.01 percent.

Volatile Content of Coatings (ASTM D2369-20):

Determine the percent volatile matter by weight of paint. Calculate and report the percent of volatile matter to the nearest 0.01 percent.

No-Pick-Up Time of Traffic Paint (ASTM D711-20):

For a wet film thickness of 15 ± 0.5 mils, determine and report the drying time for no-pick-up to the nearest minute. [Perform testing in a no-air-flow \(static\) test environment in accordance with Section 4.6.1.](#)

Please contact AASHTO re:source at psp@ashtoresource.org or call 240-436-4900 if there are questions.