

00855.00 – Flexible Bituminous Adhesive for Pavement Markers

ODOT allows the use of flexible bituminous adhesive to adhere new pavement markers to pavement surfaces. Since some marker manufacturers limit what type of adhesive (epoxy vs. bituminous) with which they will allow their markers to be installed, we have set limits too. The Qualified Products List (QPL) notes these limitations, under the pavement marker section. To have your product listed in the QPL, you must show compliance with the specifications identified below.

Once on the QPL, testing is then performed on each project by ODOT with the Contractor's help. Failure to maintain satisfactory test results in this phase will result in removal from the QPL.

Specifications

Penetration, dmm	AASHTO T49	30 Maximum	77°F 100 grams, 5 seconds
Flexibility	ASTM D3111 (Note 1)	Pass	1-inch mandrel, 20°F 90 degrees, bend 10 seconds, 1/8-inch by 1 inch by 6-inch specimen.
Elastic Recovery, percentage	ODOT TM 429	70 Minimum	--
Bond Strength, pounds per square inch	ODOT TM 432	170 Minimum	--

- Flexibility test is modified by bending specimen through an arc of 90 degrees at a uniform rate in 10 seconds over a 1 inch mandrel.

To Apply

- [ODOT Preliminary information for Product Evaluation Form 734-5098](#)
- Independent test results showing compliance with specs listed above
- Legible copy of the Material Safety Data Sheet
- Specification data sheet
- Detailed installation instructions
- List of limitations and precautions

Send documentation to:

Qualified Products List QPLIST@odot.oregon.gov

Or mail to:

Oregon Department of Transportation
Product Evaluation Coordinator
800 Airport Road SE
Salem OR 97301-4798

Please send no samples at this time.