

ADHESIVE FOR RAISED PAVEMENT MARKERS

DOTD Designation: S 606-99

BITUMINOUS ADHESIVE

General

A. Equipment

1. DOTD stamp, ink pad and suitable markers for identification.
2. Tape for sealing pallets once sample has been obtained.
3. MATT forms, envelopes and tape for securing to sample container.

B. Safety Precautions

It is the responsibility of the user of this sampling method to establish appropriate safety practices including, but not limited to, lifting heavy containers.

II. Sampling at the Warehouse

A. Warehouse Responsibilities

1. Notify the District Laboratory in the District in which the storage facility is located for material approval allowing adequate time for scheduling by the District Laboratory.
2. Have the pallets of bituminous adhesive separated by manufacturer's lot into increments not to exceed 20,000 lb. Each approximately 20,000 lb increment shall constitute a DOTD lot.
3. Provide access for District Laboratory Representative to easily obtain random samples.
4. The warehouse personnel will seal and stamp each pallet or container with the DOTD lot number stamp, supplied by the District Laboratory, while being observed by District Laboratory personnel.
5. After approval of bituminous adhesive, provide a Certificate of Delivery with each lot shipped to the job site.
6. If the material is not approved, void the DOTD lot number by marking through the number.

B. District Laboratory Responsibilities

1. Upon arrival at the warehouse, identify the bituminous adhesive by DOTD lot. Each DOTD lot shall not contain more than one manufacturer's lot and shall not exceed 20,000 lb.
2. Randomly select one sample box with a minimum weight of 10 lb from each DOTD lot.
3. Identify the sample with the DOTD lot number used to designate the lot of which it is representative.
4. Once the box of sample is taken, have the warehouse personnel seal the pallet and stamp each pallet of the DOTD lot of material or each container on the pallet with the DOTD lot number. (Obtain stamps for this purpose from the Materials & Testing Section.)
5. Place a properly completed, unsoiled identification form in an envelope. Securely attach the envelope to the sample and forward to the Materials & Testing Section for testing. The disposition of results shall be reported by the Materials & Testing Section to the District Laboratory.
6. For any DOTD lot of material not conforming to specifications and receiving a failing report, return to the warehouse to ensure that the supplier of the material has voided the DOTD lot number.

C. Certificate of Delivery From the Warehouse

Upon receiving approval and a passing laboratory number from the Materials & Testing Section, submit with each lot of bituminous adhesive a Certificate of Delivery to the Project Engineer along with a copy to the Materials & Testing Section. Each CD must be signed by an authorized representative of the company.

III. Sampling at the Project Site

Note 1: Use this procedure only for those suppliers not having permanent storage facilities within the state. Sample for acceptance at the project site on which the bituminous

adhesive is to be used.

- A. **Contractor's Responsibilities**
 - 1. Provide adequate storage facilities at the project site for all bituminous adhesive for the purpose of obtaining acceptance of the adhesive prior to application.
 - 2. Have the pallets of bituminous adhesive separated by manufacturer's lot into increments not to exceed 20,000 lb.
 - 3. Provide access for Project Engineer to easily obtain random samples and to seal and mark each pallet.
- B. **Project Engineer Responsibilities**
 - 1. Identify the bituminous adhesive by manufacturer's lot in increments not to exceed 20,000 lb.
 - 2. Randomly select one sample box with a minimum weight of 10 pounds from each lot.
 - 3. Identify and mark the sample with the sample identification number used to designate the manufacturer's lot of which it is representative.
 - 4. Place a properly completed, unsoiled identification form in an envelope. Securely attach the envelope to the sample and forward to the Materials & Testing Section for testing.

EPOXY ADHESIVE

General

- A. **Equipment**
 - 1. Sampling device - two small, clean scoops.
 - 2. Sample containers - 1 qt friction top cans.
 - 3. DOTD stamp, ink pad and markers for suitable identification.
 - 4. MATT forms, envelopes and tape for securing to sample container.
- B. **Safety Precautions**

It is the responsibility of the user of this sampling method to establish appropriate safety practices including, but not limited to, exposure to hazardous fumes and lifting heavy containers.

II. Sampling at the Warehouse

- A. **Warehouse Responsibilities**
 - 1. Notify the District Laboratory in the District in which the storage facility is located for material approval allowing adequate time for scheduling by the District Laboratory.
 - 2. Have the epoxy adhesive separated by manufacturer's lot in increments not to exceed 50 gal of each component. The approximately 50 gal increment of both components shall constitute a DOTD lot.
 - 3. Provide access for District Laboratory Representative to easily obtain random samples.
 - 4. The warehouse personnel will stamp each container with the DOTD lot number stamp, supplied by the District Laboratory, while being observed by District Laboratory personnel.
 - 5. After approval of epoxy adhesive, provide a Certificate of Delivery with each DOTD lot shipped to the job site.
 - 6. If the material is not approved, void the DOTD lot number by marking through the number.
- B. **District Laboratory Responsibilities**

Note 2: Upon request from the Warehouse, obtain a random sample per DOTD lot of epoxy adhesive.

Upon arrival at the warehouse, identify the epoxy adhesive by DOTD lot. Each DOTD lot shall not exceed 50 gal of each component.

- 2. Randomly select one unit of the A and B component to be sampled from each DOTD lot.

3. Sample one unit of each component. Use a different sampling device for each of the two components to avoid contamination. Place each sample into two separate 1 qt friction top containers.
 4. Identify the sample with the DOTD lot number used to designate the DOTD lot of which it is representative.
 5. Once the samples are taken, have the warehouse personnel stamp and mark each container of that lot with the DOTD lot number. (Obtain stamps for this purpose from the Materials & Testing Section.)
 6. Place a properly completed, unsoiled identification form in an envelope. Securely attach the envelope to the sample and forward to the Materials & Testing Section for testing. The disposition of results shall be reported to the District Laboratory by the Materials & Testing Section.
 7. For any DOTD lot of material not conforming to specifications and receiving a failing report, return to the warehouse to ensure that the supplier of the material has voided the DOTD lot number.
- C. **Certificate of Delivery From the Warehouse**
Upon receiving approval and a passing laboratory number from the Materials & Testing Section, submit with each DOTD lot of epoxy adhesive a Certificate of Delivery to the Project Engineer along with a copy to the Materials & Testing Section. Each CD must be signed by an authorized representative of the company.

III. Sampling at the Project Site

Note 3: Use this procedure only for those suppliers not having permanent storage facilities within the state. Sample for acceptance at the project site on which the epoxy adhesive is to be used.

- A. **Contractor's Responsibilities**
1. Provide adequate storage facilities at the project site for all epoxy adhesive for the purpose of obtaining acceptance of the adhesive prior to application.
 2. Have the epoxy adhesive separated by manufacturer's lot in increments not to exceed 50 gal of each component.
 3. Provide access for Project Engineer to easily obtain random samples and mark each lot.
- B. **Project Engineer Responsibilities**
1. Identify the epoxy adhesive by manufacturer's lot in increments not to exceed 50 gal of each component.
 2. Randomly select one unit of the A and B component to be sampled from each lot.
 3. Obtain one unit of each component. Use a different sampling device for each of the two components to avoid contamination. Place each sample into two separate 1 qt friction top containers.
 4. Identify and mark the samples with the sample identification number used to designate the manufacturer's lot of which it is representative.
 5. Place a properly completed, unsoiled identification form in an envelope. Securely attach the envelope to the sample and forward to the Materials & Testing Section for testing.

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS & TESTING SECTION
5080 FLORIDA BLVD., BATON ROUGE, LA 70806

CERTIFICATE OF DELIVERY
FOR
PAVEMENT MARKING MATERIALS (EXCLUDING PAINT)

PROJECT NAME _____ P. O. NUMBER _____
PROJECT NUMBER _____ CONTRACTOR _____

MATERIAL ABBREV. (SEE BELOW)	MANUFACTURER	QUANTITY	MANUFACTURER LOT NUMBER	PROD. SOURCE CODE	DOTD LOT NUMBER (EX:61-BA-0001)	REPRESENTED BY DOTD LAB. NUMBER

List of Materials with Material Abbreviation:

- (RM) Raised Pavement Markers (QPL 9)
- (BA) Bituminous Adhesive for Raised Pavement Markers (QPL 59)
- (EA) Epoxy Adhesive Type V for Raised Pavement Markers (QPL 32)
- (TA) Preformed Plastic Pavement Marking Tape (QPL 64)
- (TH) Thermoplastic Pavement Markings (QPL 63)

This is to certify that the materials listed above have been shipped to the referenced project. We certify that random samples taken from the lot or batch of the materials listed above have been previously tested by the Materials & Testing Section under the above referenced lab numbers and have met all specification requirements for the designated project. *This certificate is invalid unless signed by an authorized representative of the company.*

COMPANY: _____

Date Shipped to Jobsite: _____

BY: _____
(Authorized Company Representative Signature)

Copies:

One copy for each project will accompany all shipments of the above listed materials.
One copy shall be mailed to the Materials Engineer Administrator, Louisiana Department of Transportation and Development, 5080 Florida Blvd., Baton Rouge, LA 70806.

For DOTD Use:

Approved: _____ Date: _____

Remarks: _____