

LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS

WATERBORNE TRAFFIC PAINT



DESCRIPTION

This specification covers white and yellow waterborne traffic paint that will be applied on asphaltic or portland cement concrete pavements throughout the state.

REQUIREMENTS

General

Paint and containers (totes) shall conform to these specifications, Section 1015.12 of the 2026 Louisiana Standard Specifications for Roads and Bridges and shall be an approved product from the Approved Materials List (AML) for Traffic Paint, Waterborne, White and Yellow.

Performance

Material shall be suitable for use with hot application equipment and perform as designed when preheated 120°F - 150°F.

The paint consistency shall be compatible with the use of a standard spray gun application to allow the material to flow through the applicator in a smooth and uniform manner.

Glass beads shall be able to imbed into the applied paint to a depth of 50% of the spheres diameter.

PACKAGING

Paint shall be supplied in square or rectangular stackable containers (totes) designed for use with waterborne traffic paint. Containers shall have a capacity of 250-gallons to 275-gallons and be stackable to at least two (2) units high via forklift openings available on a minimum of two (2) sides. Forklift openings shall be designed to provide protection for outlet vents and piping. Totes shall be constructed such that the bottom is sloped toward the outlet/bottom drain to allow all material to drain completely from the container.

Totes shall conform to all Louisiana Department of Transportation and Development (LADOTD) and Federal Department of Transportation specifications for the transportation of traffic paint. Each tote must also be marked in accordance with CFR 49 Part 178.703.

*Stainless Steel Totes***Product ID 11316** – Stainless Steel Tote, White Waterborne Traffic Paint**Product ID 11319** – Stainless Steel Tote, Yellow Waterborne Traffic Paint

The outer wetted parts of the stainless steel totes shall be constructed of a minimum of 304 stainless alloy. The inner skin shall be a minimum of 10-gauge sheet thickness. All seams shall be welded.

Totes shall include a 2" leak free outlet, a minimum 23" top opening, a pressure vent, and a vacuum vent. The outlet shall consist of a 2" stainless steel full port ball valve and a 2" male camlock style quick connect fitting.

*Plastic Totes***Product ID 11317** – Plastic Tote, White Waterborne Traffic Paint**Product ID 11320** – Plastic Tote, Yellow Waterborne Traffic Paint

The plastic tote shall be constructed of UV stabilized HDPE resign as compounded and certified by the manufacturer. The plastic totes shall sit inside of a tubular steel frame and pallet that is zinc or hot dip galvanized.

Totes shall include a 2" leak free bottom drain valve (outlet) and a 6" top fill valve (opening). The bottom drain valve shall consist of a 2" polypropylene full port bolted ball valve and a 2" male quick disconnect fitting with a dust cap. The top fill valve shall have a 6" screw cap style closure (lid) with a 2" bung incorporated into it to provide a vacuum vent.

Upon delivery, LADOTD will inspect the containers for compliance with this specification. If the tote(s) does not comply, the vendor will be notified to remove the non-compliant container(s) and replace it with a tote(s) that meet the requirements at no cost to the Department.

DOTD IDENTIFICATION MARKINGS

Each tote shall bear a label with the following information:

- Name and Address of Manufacturer
- Trademark or Trade Name
- Type of Paint
- Number of Gallons in Tote
- Batch Number
- Date of Manufacture
- Purchase Order Number
- Product ID Number

SAMPLING

Each lot (batch) shall be sampled before acceptance by the Department.

A one (1) quart sample shall be taken at random from each delivered lot (batch). The sample will be tested by the LADOTD Materials and Testing Laboratory for compliance with Section 1015.12 of the 2026 Louisiana Standard Specifications for Roads and Bridges.

If the initial sample passes testing, all other shipments from the same lot (batch) will be accepted without further testing, provided nothing questionable appears with future deliveries from the lot. Lots will be tested again if the product appears to be inconsistent with the originally approved sample.

If the initial sample fails testing, the Laboratory will test one (1) additional sample from the same batch. The second sample will have two (2) check samples; both check samples must pass testing in order for the lot to be accepted. If either check sample fails, the entire shipment will be returned to the vendor at the vendor's expense. Replacement deliveries will be subject to the same sample and testing procedures as the original.