

# T-155 Traffic Marking Material Contract Specification

## 01-General Requirements

Traffic Marking Materials shall be on the Alabama Department of Transportation (ALDOT) "List of Qualified Materials, Sources, and Devices", Qualified Traffic Control Materials, List V-2 – Permanent Pavement Markers, Temporary Pavement Markers, marker Adhesives, Delineators and Hazard Markers, List IV-3 – Temporary Traffic Marking Materials, List IV-4 – Permanent Traffic Marking Materials, and List V-5 – Reflective Paint for Object Safety Markings.

Traffic Marking Materials shall meet criteria in the ALDOT Standard Specifications for Highway Construction latest edition, Section 856 – Traffic Marking Material, Section 857 – Temporary Traffic marking materials, and Section 882 – Pavement Markers.

Traffic Marking Materials shall meet criteria in the ALDOT Special and Standard Highway Drawings, latest edition.

## 02-275 Gallon Intermediate Bulk Container (IBC) Requirements

All paint will be supplied in Intermediate Bulk Containers capable of holding 275 gallons. The containers shall be new or reconditioned and conform to Federal DOT Specification 57 from 49 FR, Part 178.251, or 49 FR Part 178 Subpart O and all other appropriate rules and regulations. Containers must have a certificate of construction compliance with 49 CFR Part 178.2 (C), (1), (I) and (ii) or Part 178 Subpart O regarding drop test requirements.

All Containers must comply with the following specifications:

1. Shall be designed to accommodate lifting and transporting with four-way pallet, forklift, pallet jack handling or front-end loader.
2. Shall be capable of being stacked a minimum of two high when completely filled with paint.
3. Shall have a security feature that protects the valve from being opened by accident or by vandals.
4. Shall be 100% compatible with waterborne paint.
5. Shall have proper venting of the tank by either vacuum relief valve or having an access port that can be opened. Opening the container for vacuum relief shall not cause the paint to come into direct contact with air.
6. No re-used IBC from cleaning allowed.

Type:	275 Gallon IBC, Blow molded bottle with tubular galvanized steel cage.
Regulations Conformance:	NON UN
Volume:	275 Gallons
Dimension:	40"W x 48"D x 46"H
Double Stacked Height:	92" + 4"
Label Plate:	Minimum one label plate required
Truckload Capacities:	60 units

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Stackable Height:	Up to 3 high full warehouse
Pallet:	4 way Plastic or Wood "Block" Style Pallet
Fill Port:	9" Buttress screw cap with sponge rubber gasket
Bottom Outlet Options:	2" Quick Connect Ball Valve
Tare Weight:	144 lbs.
Net Product Weight Limit:	4373 lbs.
Authorized Gross Weight:	4517 lbs.
Filling Temperature:	Can fill hot up to 140 degrees F.

### **03-Class 1 Paint Specification**

Class 1 paint shall contain FT-5408 resin.

### **04-Class 1H Paint Specification**

Class 1H paint shall contain 100% HD-21A resin.