

3532
Exterior Polyurethane Paint

3532.1 SCOPE

This specification covers exterior polyurethane finish paint for use on steel lighting cabinets, signs, handrails, traffic signal poles and transformer bases.

3532.2 REQUIREMENTS

A General Requirements

Paint shall be free of toxic metals and shall meet latest Federal VOC regulations.

B Specific Requirements.....3520.3A

The finish coat shall be an aliphatic polyurethane finish coat listed on the Mn/DOT Approved Product List for Organic Zinc Rich Paint Systems.

Only Mn/DOT Approved Paint Systems are allowed for use. The Approved Products List can be accessed on the Office of Materials website.

The finish coat shall be used with intermediate coat or primer and intermediate coat from the same approved system.

C Color

The finish coat colors shall be chosen from the Federal Standard 595B colors and have a semi-gloss finish. Finish coat color or colors if different than below shall be specified in the Contract.

Dark Green- Federal Standard Number 595B Color Number 14062.

Yellow- Federal Standard Number 595B Color number 13538.

3532.3 INSPECTION, SAMPLING AND TESTING

When requested, the manufacturer shall submit certified samples of paints to be used on the Department projects.

Sample size shall be 0.5 L (**one pint**).

Testing shall be carried out according to appropriate Mn/DOT, AASHTO, ASTM, and Federal test methods.

Color "Draw Down" samples shall be submitted to the Chemical Laboratory for verification of the finish coat color.

3533

Aluminum Moisture Cure Polyurethane Paint

3533.1 SCOPE

This specification covers aluminum and micaeous iron oxide filled moisture cure polyurethane paint for use as a finish coat on bridges, sign posts, traffic signal poles, and luminaire extensions.

3533.2 REQUIREMENTS

A General Requirements

Paint shall be free of toxic metals and shall meet latest Federal VOC regulations.

B Specific Requirements

Only Mn/DOT Approved Paint Systems are allowed for use. The Approved Products List can be accessed on the Office of Materials website.

The finish coat shall be used with intermediate coat or primer and intermediate coat from the same approved system.

3533.3 INSPECTION, SAMPLING AND TESTING

When requested, the manufacturer shall submit certified samples of paints to be used on the Department projects. Sample size shall be 0.5 L (**1 pint**). Testing shall be carried out according to appropriate Mn/DOT, AASHTO, ASTM, and Federal test methods. Color "Draw Down" samples shall be submitted to the Chemical Laboratory for verification of the finish coat color.