

## Product Evaluation

### RE: Review of Vantac Max-Line Cold Plastic

#### **PRODUCT**

The Vantac Max-Line Cold Plastic is manufactured and distributed by Vantac ITS Group Inc. Located in Burnaby, British Columbia.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

Vantac Max-Line Cold Plastic consists of white and yellow lead free products tailored for specific application equipment and provides exceptional retro-reflectivity and longevity at an attractive cost per useful life. Vantac Max-Line provides outstanding adhesion to both concrete and asphalt and can be surface applied or inlaid for even greater durability. Web link for this product: [www.vantacgroup.com](http://www.vantacgroup.com)

##### **DESCRIPTION**

Vantac Max-Line Cold Plastic is a methacrylate based durable pavement marking material designed for spraying at thicknesses from 20 to 110 mils depending on the type and mixing ratio. Spray is accomplished by using automated equipment designed to proportion by volume or weight. The liquid catalyst is blended into the methacrylate base prior to the spray gun or spray tip. Air and surface temperatures shall be in the range of 0°C to 40°C during installation and cure. The relative humidity should be less than 85% and surface temperature to be 3°C above the dew point.

##### **POTENTIAL USAGE**

Vantac Max-Line Cold Plastic is suitable for asphalt or concrete surfaces, for markings on highways.

##### **STANDARDS**

None submitted

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Alberta Transportation has experience with durable pavement markings.

##### **APPLICATION STANDARDS**

Alberta Transportation Highway Pavement Marking Guide; Alberta Transportation Standard Specification for Highway Construction 5.20; Alberta Transportation Standard Specification for Highway Maintenance 53.22

##### **RECOMMENDATIONS**

Vantac Max-Line Cold Plastic be listed as a Potential Product under Alberta Transportation Products List, Pavement Markings – Durable – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

#### **TRIAL PROJECTS**

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