

## **Product Evaluation**

### **RE: Review of Ennis HPS-6 Durable Marking System**

#### **PRODUCT**

The HPS-6 Durable Marking System is manufactured and distributed by ENNIS Traffic Safety Solutions (PPG Traffic Solutions) Located in Ennis, Texas.

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

##### **CLAIMS**

HPS-6 Durable Marking System consists of several white and yellow lead-free products tailored for specific application methods, various film thicknesses and/or specific multi-component proportioning application equipment. Web link for this product: <http://www.ennisflint.com/Products/Plural-Components/HPS-6-MMA>

##### **DESCRIPTION**

HPS-6 is a methacrylate based multi-component durable pavement marking materials. HPS-6 is a two component product designed for spraying at thicknesses from 20 to 90 mils depending on the type and mix ratio. Spray is accomplished by using automated equipment designed to proportion by volume or weight. The liquid catalyst (Part B) is blended into the methacrylate base (Part A) prior to the spray gun or spray tip.

##### **POTENTIAL USAGE**

HPS-6 Durable Marking System is designed to be used for new or maintenance long line installation, intersection markings and inlay applications as well as a refresher coat at thicknesses of 20 to 90 mils. Air and surface temperatures shall be in the range of 40°F (4.4°C) to 105°F (40.5°C) during installation and cure. Application outside this range can negatively affect product performance.

##### **STANDARDS**

None submitted

#### **ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS**

##### **EXPERIENCE**

Alberta Transportation and Economic Corridors has experience with durable pavement markings such as System 400 (MMA), PolyCarb Mark 55.4, RainLine and Pathfinder products. These products are currently listed on Alberta Transportation's products list under the Proven products category.

##### **APPLICATION STANDARDS**

At present Alberta Transportation and Economic Corridors does not have a standard for Durable Pavement Markings.

##### **RECOMMENDATIONS**

HPS-6 Durable Marking System be listed as a Proven Product under Alberta Transportation and Economic Corridors Products List, Pavement Markings – Durable – Proprietary, based on the information provided.

#### **TRIAL PROJECTS**

Hwy 2 at 41<sup>st</sup> Ave SW Interchange, applied in June 2016

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