

Product Evaluation

RE: Review of ENNIS HPS-4 Durable Marking System

PRODUCT

The HPS-4 Durable Marking System is manufactured and distributed by ENNIS Traffic Safety Solutions Located in Ennis, Texas.

VENDOR CLAIMS AND INFORMATION

CLAIMS

HPS-4 Durable Marking System is designed for long term delineation on Portland Cement concrete and Asphalt surfaces. HPS-4 Durable Marking System is a 100% solid two part system that is applied as a 2 to 1 mixture by volume. Web link for this product: <http://www.ennisflint.com/Products/Plural-Components/HPS-4-Urethane-Modified-Epoxy>

DESCRIPTION

HPS-4 Durable Marking System consists of a homogeneous blend of modified urethane resins, pigments and a top application of retro-reflective media. Two parts of Part A shall be mixed with one of Part B by volume.

POTENTIAL USAGE

HPS-4 Durable Marking System shall be placed according to Ennis requirements. HPS-4 shall be applied at a rate of 240 feet per gallon based on a minimum of 20 mils thickness at a four inch width. All pavement surfaces shall be clean and dry to assure maximum possible adhesion. New asphalt, concrete and seal coated surfaces shall be in place a minimum of two weeks prior to marking application. Ambient and surface temperature shall be 40°F and rising. HPS-4 shall be applied with equipment approved by ENNIS Traffic Safety Solutions.

STANDARDS

None submitted

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation 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 does not have a standard for Durable Pavement Markings.

RECOMMENDATIONS

HPS-4 Durable Marking System 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

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
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