

Product Evaluation

RE: Review of ArcticLine CP Cold Plastic Roadmarking System

PRODUCT

ArcticLine CP Cold Plastic Roadmarking System is manufactured by Basler Lacke AG located in Buchs, Switzerland and distributed by International Striping Products of Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

ArcticLine CP Cold Plastic Roadmarking System is a patented system that improves markings visibility. The ArcticLine CP Roadmarking System has been designed to be used for flat line, spray line and profiled line markings. Product web link: <http://www.basler-lacke.com/en/markings/cold-plastics/>

DESCRIPTION

ArcticLine CP Cold Plastic Roadmarking System is a two component Cold Plastic Methyl Methacrylate (MMA) durable pavement marking. ArcticLine CP is solvent free formulation that is hardened by peroxides by means of a chemical reaction. Air temperature application is -15 to 45° C.

POTENTIAL USAGE

ArcticLine CP Cold Plastic Roadmarking System can be inlaid or surface applied. This material can also be used as a structured line marking (profiled) high visibility wet night product. This product can be applied on concrete surfaces provided that the surface has been treated with specialized primer. Glass beads are applied onto the ArcticLine material during the application process. ArcticLine CP Cold Plastic Roadmarking System has been used in several countries in Europe.

STANDARDS

European BAST Testing

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has experience with durable wet night pavement markings.

APPLICATION STANDARDS

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

RECOMMENDATIONS

ArcticLine CP Cold Plastic Roadmarking System be listed as a Proven Product under Alberta Transportation Products List, Pavement Markings – Durable Plastic – Wet Night – Proprietary, based on the information provided. **Caveat – “This product to be milled in to the pavement to protect against snow plow damage.” Note: 4 year warranty is required with the use of this material.**

TRIAL PROJECTS

Hwy 2 – Crossfield – applied 2014

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