

Product Evaluation

RE: TBL Durables 98-2 Spray MMA

PRODUCT

TBL Durables 98-2 Spray MMA is manufactured by Road Services International Inc. located in Brantford, Ontario and it is distributed in Alberta by TBL Durables located in Etobicoke Ontario.

VENDOR CLAIMS AND INFORMATION

CLAIMS

TBL Durables 98-2 Spray MMA application cures (to the touch) in less than 15 minutes. In its hardened state the marking is designed to exhibit colour, retro-reflectivity and chemical resistance meeting or exceeding the current Ontario provincial standards as per OPSS 532. Website: <https://www.smaroadsafety.com/en>

DESCRIPTION

TBL Durables 98-2 Spray MMA consists of methyl methacrylate binder resins combined with inert fillers and pigments. Durables are manufactured to be reactive in the presence of a peroxide catalyst. Liquid dibenzoyl peroxide (50 % purity) is introduced to the Durables in the gun and mixed together initiating the curing process. Once applied, the wet pavement marking is top dressed with glass beads to enhance reflectivity.

POTENTIAL USAGE

MMA is a type of durable traffic paint.

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has some experience with durable pavement markings.

APPLICABLE STANDARDS

At present Alberta Transportation does not have a standard for Durable Pavement Markings. Durable pavement markings should be installed using the proprietary installation method for that product.

RECOMMENDATIONS

TBL Durables 98-2 Spray MMA be listed as a Trial Product under Alberta Transportation Products List, Pavement Markings – Durable – Proprietary. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat: Surface applied durable pavement markings must meet the minimum dry performance level of 125 mcd/lux/m² for white markings and 100 mcd/lux/m² for yellow markings for a period of 24 months from the date of installation when exposed to normal roadway conditions, and must stay in place for a period of at least 24 months, regardless of average daily traffic. Inlaid durable pavement markings must meet the minimum dry performance level of 125 mcd/lux/m² for white markings and 100 mcd/lux/m² for yellow markings for a period of 48 months from the date of installation when exposed to normal roadway conditions, and must stay in place for a period of at least 48 months, regardless of average daily traffic.

TRIAL PROJECTS

Multiple Locations at Hwy 1 at Strathmore AB (CMA 521) with Average Mill depth of 30mil

Rishi Adhikari

cc New Product Evaluation Group – Roger Skirrow,