

Product Evaluation

RE: Review of Vantac Glass Beads Type 1

PRODUCT

Vantac Glass Beads Type 1 is manufactured by Shanghai Biyu Mstar Technology Co. Ltd. at Shanghai, China and is distributed in Alberta by Vantac ITS Group Inc. located in Burnaby, British Columbia.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Vantac Glass Beads Type 1 is designed for giving retro-reflection on road marking. Vantac Glass Beads Type I can be applied on Waterborne paint, solvent borne paint, thermoplastic and MMA. Product Web link: www.Vantacgroup.com

DESCRIPTION

Vantac Glass Beads Type 1 is silicon and Silane coated glass bead to be used along with the traffic paints for retro-reflection on pavement marking.

POTENTIAL USAGE

Pavement marking

STANDARDS

AASHTO M247 Standard Specification for Glass Beads Used in Pavement Markings

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has experience with similar products.

APPLICABLE STANDARDS

At present Alberta Transportation does have a standard for glass Beads (see link): <http://www.transportation.alberta.ca/Content/docType254/Production/GB05.pdf>

RECOMMENDATIONS:

Vantac Glass Beads Type 1 be listed as a Proven Product under Alberta Transportation Products List, Pavement Markings – Glass Beads - Proprietary, based on the information provided and field performance.

TRIAL PROJECTS

Vantac Glass Beads Type 1 applied at AHD Hwy14 Exit on April 2021

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cc New Product Evaluation Standing Committee – Roger Skirrow
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