

Product Evaluation

RE: GT1002 and GT1004 Endurance Alkyd 20 Extruded Thermoplastic

PRODUCT INFORMATION

Product Name: <u>GT1002 and 1004 Endurance Alkyd 20 Extruded Thermoplastic</u>	Manufacturer: <u>Gentem Inc. Barrie, ON</u>
Website: <u>https://gentem.ca/</u>	Supplier: <u>Gentem Inc. Barrie, ON</u>

VENDOR CLAIMS AND INFORMATION

CLAIMS

GT1002 and GT1004 Endurance Alkyd 20 Extruded Thermoplastic are designed to be durable, long lasting and economical alternatives to cold plastics, epoxies and tape. These products are environment friendly, safe and low odor. They are much less wasteful since unused material can simply be re-heated and applied.

DESCRIPTION

Gentem's Endurance products line is comprised of granular, hot-applied thermoplastic pavement markings in alkyd formulations. Endurance, is a fully formulated finished product, manufactured for both hand liner and truck application. When heated, granular thermoplastics convert to a hot viscous material that can be applied to roadways and parking lots. GT1002 is white in colour and GT1004 is yellow in colour.

POTENTIAL USAGE

Gentem Endurance Granular Thermoplastic can be used for Symbols, legends and lane markings on asphalt or concrete pavement.

STANDARDS

AASHTO M249 Specification for White & Yellow Reflective Thermoplastic Striping (Solid Form)
AASHTO 250 Standard Method of Test for Thermoplastic Traffic Line Material

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors has following specifications related with pavement markings:
Alberta Transportation Highway Pavement Marking Guide
Standard Specification for Highway Maintenance 53.22: Permanent Pavement Markings
Specification for Highway Construction 5.20: Supply of Line Painting and Message Marking Materials
Alberta Transportation Recommended Practices - Use of Durable Pavement Markings

RECOMMENDATIONS

GT1002 and GT1004 Endurance Alkyd 20 Extruded Thermoplastic be listed as a Potential Product under Transportation and Economic Corridors Products List, Pavement Markings – Durable –_Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

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