

Product Evaluation

PRODUCT INFORMATION

PRODUCT NAME: Ape Barrier System **MANUFACTURER:** Asynt Solutions, Columbus, Ohio, USA
WEBSITE: www.asyntolutions.com/ **SUPPLIER:** Asynt Solutions, Columbus, Ohio, USA

DESCRIPTION:

The Ape Barrier is made up of Fiber reinforced polymer. It weighs 50 lbs/linear foot. Its standard dimensions are base width 20", height 32" and length of 24'.

POTENTIAL USAGE:

The Ape Barrier's typical application is as a temporary construction barrier placed at the roadside.

DISCLAIMER: The product descriptions and potential usage outlined in this section are based solely on the manufacturer's claims. Transportation and Economic Corridors does not verify or endorse these claims.

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors does not have experience with fiber reinforced barriers.

APPLICABLE STANDARDS

Alberta Transportation and Economic Corridors does not have standards for fiber reinforced barriers. However, following specifications may apply:

The Alberta Transportation specifications for guardrail are:

- Specification 2.19, Guardrail and Guideposts
- Specification 5.25, Supply of W-Beam Guardrail and Posts
- Specification 5.27, Supply of Cable Barrier and Metal Posts

RECOMMENDATIONS

Ape Barrier System be listed as a Potential Product under Transportation and Economic Corridors Products List, Traffic Control Devices - Barrier Systems – Composite Material Barriers - Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

1. Ape Barrier System to be installed as a temporary construction barrier as Test Level 3.
2. Only to be installed on asphalt surface with minimum asphalt thickness of 89 mm (3.5 inches).
3. Minimum installation length of 73.2 metres (240 feet).
4. Allow for deflection of 550 mm behind barrier (working width of 1,060 mm).
5. Install according to manufacturer's Drawing INS-LTD-001 (Limited Deflection Installation) on asphalt surface.

TRIAL PROJECTS

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