COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2957-11

Product Evaluation Coordinator
Colorado Department of Transportation
4670 North Holly Street, Unit A
Denver, Colorado 80216

Material code: 606.02.04.00

FOR INTERNAL CDOT USE

Material code description full name: Guardrail, Blockouts, Synthetic

PART 1

Product name: P-Block Series Offset Blocks	Product category: Roadway Safety\Guardrail W-Beam\Guardrail Synthetic Blockout
Product representative (name & address): Attn: Don Edwards, Monroeville Industrial Moldings Inc., 75 Ontario St., Norwalk, Ohio 44857. Phone: (419) 668-1820 FAX: (419) 668-3683	Manufacturer (name & address): Attn: Don Edwards, Monroeville Industrial Moldings Inc., 75 Ontario St., Norwalk, Ohio 44857. Phone: (419) 668-1820 FAX: (419) 668-3683
Web-site address: www.mimoldings.com	Web-site address: www.mimoldings.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

The P-Block Series Offset Blocks is a FHWA approved and NCHRP 350 tested line of plastic highway guardrail offset blocks. The blocks are manufactured with 98% recycled ethylene plastics and 2% black color which contain the UV protection.

The P-Block Series consists of four blocks which are all manufactured in the same manner and with the same exact materials:
(1) P-Block (8" x 4" x 14"), (2) PC Block (8" x 4" x 14"), (3) Thrie Beam Block (8" x 4" x 22"), and (4) MSG Block (12" x 4" x 14").

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):
Construction and maintenance of guardrail.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Cost over wood, recyclable material and durability over wood.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO :
- ☒ FHWA : NCHRP 350, TL-3
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☒ FHWA : Approval Letter HSA-10/B-109B and HSSD/B-174
- ☒ other : E-TECH Testing Services, Inc. (March 2004) (August 2007)
- ☐ other :

State DOT Approvals, (current documentation required):
AZ, CA, NE, LA, UT, WA

Sample submitted: ☒ yes ☐ no ☐ n/a | Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments