

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5184-25

Material Code

606.02.04.00

Material Code description full name

Guardrail, Blockouts, Synthetic

Part 1

Product Name:

12in King Composite Block

Product category:

Rdwy Sfty\Guardrail W-Beam\Guardrail Synthetic Blockout

Product Representative / Distributer (name & address):

Adam Doyle

Manufacturer (name & address):

Paul Kruse

Valtir LLC

15601 Dallas Parkway, Suite 525

Addison, TX 75001

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15601 Dallas Parkway, Suite 525

Addison, TX 75001

Phone: (214) 808-9165 E-mail: adam.doyle@valtir.com

Website address

www.valtir.com

Phone: (916) 644-9102 E-mail: paul.kruse@valtir.com

Website address

www.valtir.com

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

MASH 2016 (TL-3) tested composite guardrail block, for use in non-proprietary, steel post w-beam, MGS guardrail systems. General composition of material is 99% recycled / regrind HDPE with Blowing Agent + 1% Black Color Concentrate. Nominal dimensions are, 14" tall x 4" wide x 11 1/2" deep. Nominal weight is 7.0 lbs.

Restrictions, (installation and/or use):

MASH 2016 (TL-3) tested for steel post, MGS w-beam guardrail.

Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):

Composite guardrail block, for use in non-proprietary, steel post, MGS w-beam guardrail systems.

Specifications: (listing those applicable is required.)

☒ CDOT Standard Specifications, Section 606; Standard Plan M-606-1 (Sheet 2 of 19)

☒ AASHTO MASH 2016

☐ ASTM

☒ Other FHWA Eligibility Letter B-353

☐ Other

☐ Certificate of Compliance

☐ Certificate of Verification

Product Testing: (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

☐ AASHTO PEAS (NTPEP)

☐ ASTM

☒ Other TTI test report and videos to be provided via Kiteworks/Accellion file transfer service

☐ Other

☐ Other

State DOT Approvals:

Expiration Date 5 Year Cycle 02/26/2030

Sample Submitted ☐ Yes ☐ No ☒ N/A Safety Data Sheets (SDS): ☒ Yes ☐ No ☒ N/A

Alternate Product Category AZ,CA,DE,IL,KS,MN,MO,NE,NV,NY,OH,OK,SC

CDOT Restrictions as per CDOT Approving Authority

Install per manufacturer recommendations.

Evaluators Signature:

David L. Kosmiski

Digitally signed by David L. Kosmiski
Date: 2025.02.26 09:45:43 -07'00'