

Product Evaluation Coordinator Colorado Department of Transportation 4670 North Holly Street, Unit A Denver, Colorado 80216	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 2px;">Material Code 614.07.02.00</td> <td style="width:50%; padding: 2px; text-align: right;">CDOT Use Only</td> </tr> <tr> <td style="padding: 2px;">Material Code description full name Impact Attenuator</td> <td style="padding: 2px; text-align: right;">CDOT Use Only</td> </tr> </table>	Material Code 614.07.02.00	CDOT Use Only	Material Code description full name Impact Attenuator	CDOT Use Only
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Part 1

Product name: QuadGuard® Elite M10 24in TL-3	Product category: Roadway Safety/CC/Impact Atten, Std.Permanent
Product Representative (name & address): Attn: Michael Madden Valtir, LLC 15601 Dallas Parkway, Suite 525 Addison, TX 75001 Phone: (208) 771-2729 E-mail: Michael.Madden@valtir.com	Manufacturer (name & address): Attn: Paul Kruse Valtir, LLC 15601 Dallas Parkway, Suite 525 Addison, TX 75001 Phone: (916) 644-9102 E-mail: Paul.Kruse@valtir.com
Web-site address: www.valtir.com	Web-site address: www.valtir.com

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

The QuadGuard® Elite M10 24in TL-3 is a MASH (Manual for Assessing Safety Hardware) 2016 Test Level 3 compliant re-directive, non-gating crash cushion. The QuadGuard® Elite M10 24in TL-3 can be used to shield up to 24in (610 mm) wide roadside features, and has transitions to concrete barrier, guardrail, and other roadside hazards.

Restrictions, (installation and/or use):
MASH 2016 TL-3, 24in wide.

Use of the product, (be specific to CDOT highway activities only):
 The QuadGuard® Elite M10 24in TL-3 can be used to shield up to 24in (610 mm) wide roadside features & has transitions to concrete barrier, guardrail, and other features.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):
 The QuadGuard® Elite M10 24in TL-3 system is tested to MASH 2016 TL-3, so can be used for new highway applications, and as a replacement for NCHRP 350 impact attenuators. As a member of the QuadGuard® family of crash cushions, it utilizes many of the same components as other NCHRP 350 and MASH QuadGuard® systems.

Specifications: (listing those applicable is required)

CDOT : 614.07
 ASTM :
 AASHTO: MASH 2016
 FHWA : Eligibility Letter CC-163
 other :

Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories

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

NTPEP-AASHTO:
 FHWA :
 other :
 other :
 other :

State DOT Approvals, (current documentation required): **AL,AK,AZ (32 states total)** **Expiration Date** **5 Years** CDOT to 02/21/2029

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:

CDOT Product Restrictions by CDOT Evaluator:
 The QuadGuard® Elite M10 [24"] is acceptable for use in TL-3 applications to shield up to 24in wide roadside features with appropriate transitions.

Evaluators Signature:
 David L. Kosmiski
Digitally signed by David L. Kosmiski
 Date: 2024.02.27 13:31:26 -0700