

Colorado Department of Transportation Pre-Approved Product Evaluation Request & Summary		APL Reference No. 5228-24 <small>CDOT USE ONLY</small>
Product Evaluation Coordinator Colorado Department of Transportation 4670 North Holly Street, Unit A Denver, Colorado 80216		Material Code 614.07.02.00 <small>CDOT Use Only</small> Material Code description full name Impact Attenuator <small>CDOT Use Only</small>
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) <input checked="" type="checkbox"/> CDOT : 614.07 <input type="checkbox"/> ASTM : <input checked="" type="checkbox"/> AASHTO: MASH 2016 <input checked="" type="checkbox"/> FHWA : Eligibility Letter CC-163 <input type="checkbox"/> other : <input type="checkbox"/> Certificate of Compliance (COC) provided <input type="checkbox"/> 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. <input type="checkbox"/> NTPEP-AASHTO: <input type="checkbox"/> FHWA : <input type="checkbox"/> other : <input type="checkbox"/> other : <input type="checkbox"/> other :		
State DOT Approvals, (current documentation required): AL,AK,AZ (32 states total)		Expiration Date 5 Years <small>CDOT u</small> 06/05/2029
Sample submitted: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a		Safety Data Sheets (SDS): <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> 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. The QuadGuard® Elite M10 [24"] product manual must be made available to and followed by workers overseeing and/or assembling the product at all times. Visit Valtir.com/Produce/ to confirm the latest revision.		Evaluators Signature: David L. Kosmiski <small>Digitally signed by David L. Kosmiski Date: 2024.06.05 11:51:25 -06'00'</small>