

# Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

4917-25

Material Code

606.02.03.00

Material Code description full name

Guardrail, Crash Cushion

## Part 1

Product Name:

SoftStop®

Product category:

Roadway Safety\Crash Cushion\Barrier End Treatment[Terminal]

Product Representative / Distributer (name & address):

Adam Doyle

Manufacturer (name & address):

Paul Kruse

Valtir LLC

15601 Dallas Parkway, Suite 525

Addison, TX 75001

Valtir LLC.

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.)

The SoftStop® System is a tangent, single-sided, energy absorbing, re-directive and gating end terminal. The SoftStop® System is tested to the Manual for Assessing Safety Hardware (MASH) 2016 2nd Edition Test Level 3.

Restrictions, (installation and/or use):

N/A

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

MASH Guardrail barrier end treatment for w-beam (MGS)

Specifications: (listing those applicable is required.)

- ☒ CDOT 606.02  
☒ AASHTO MASH 2016 and M180  
☐ ASTM  
☒ Other Eligibility Letters CC115, CC115A-I  
☐ 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 reports and video to be provided via DropBox  
☐ Other  
☐ Other

State DOT Approvals: AL,AK,AZ,CA,CT,DE,FL,GA,HI,ID,IL,IN,IA,KS,KY,LA,ME, +26

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 N/A

CDOT Restrictions as per CDOT Approving Authority

The SoftStop installation manual must be available, and followed, at all times, to the worker overseeing and/or assembling the product.

Product approved of MASH TL-1, TL-2 and TL-3 configurations in the appropriate roadway environment.

MASH TL-1 - 31 mph, Length 25' 9 1/2", MASH TL-2 44 mph, Length 38'-3 1/2", and MASH TL-3 62 mph, Length 50'-9 1/2".

SoftStop shall not be placed on a curved guardrail section.

Evaluators Signature:

David L. Kosmiski

Digitally signed by David L. Kosmiski  
Date: 2025.02.25 11:37:33 -07'00'