

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5923-25

Material Code

712.13

Material Code description full name

Pipe Plastic, Slotted Drain

Part 1

Product Name:

Duraslot

Product category:

Drainage\Culvert Pipe\Open-Cut /Direct Bury

Product Representative / Distributer (name & address):

Brooks Budelis

ADS Pipe Company
800 Smith Rd
Denver, CO 80207

Manufacturer (name & address):

Advanced Drainage Systems (ADS)

Advanced Drainage Systems (ADS)
4640 Trueman Blvd, Hilliard
OH 43026

Phone: (720) 281-8628 E-mail Brooks.Budelis@adspipe.co

Website address

N/A

Phone: (800) 821-6710 E-mail: N/A

Website address

<https://www.adspipe.com/>

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

ADS's slotted drain product uses annular exterior, smooth wall interior (n=0.012) high density polythene pipe available in 4" - 36" diameters. Communicating from the pipe to finished grade is a slot assembly created from 0.063" thick 5052 aluminum coated in a zinc rich primer to prevent reaction to the concrete. Slot heights are available in 2.5", 6" or a customizable height up to 36" tall, to be fabricated on a per project basis. Pipe sticks are up to 10' long and couple together to create longer runs. The slot meets the typical 1.75" wide surface opening and a internal width of 2.25" to help prevent clogging. Optional diamond pattern steel grating may be added as a leaf guard or ADA compliance.

Restrictions, (installation and/or use):

Minimum recommended burial depths and backfill requirements should be observed. Slotted drain is susceptible to clogging, especially in sag conditions or environments where significant sediment or debris loads may be present (i.e. heavy foliage areas).

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

ADS's slot drain captures and conveys of large volumes of sheet flow stormwater, which reduces spread and hydroplaning. Duraslot is constructed with light weight chemical and abrasion resistant materials that allow for fast, easy installation and provide long lasting service life, up to 100 years according to third part sources. Its customizable nature allows for a high degree of design and jobsite flexibility. Common application include highway, street, curb inlets, median, burier drain, parking lots, and pedestrian applicaitons.

Specifications: (listing those applicable is required.)

<input checked="" type="checkbox"/>	CDOT	712.13
<input checked="" type="checkbox"/>	AASHTO	B209, F1267 and F2306, HS-20 loading per AASHTO M306-10
<input checked="" type="checkbox"/>	ASTM	M252, Type S and M294, Type S
<input checked="" type="checkbox"/>	Other	(design information in FHWA's Hydraulic Engineering Circular No. 22 (HEC-22), Urban Design Manual, Chapter 7)
<input checked="" type="checkbox"/>	Other	BABA compliant

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.

<input type="checkbox"/>	AASHTO Product Evaluation & Audit Solutions (NTPEP)	
<input type="checkbox"/>	ASTM	
<input checked="" type="checkbox"/>	Other	Inlet Capacity Testing with Utah State University
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

State DOT Approvals: Caltrans, NC, FL, IL, NY, TN, KY, VA

Expiration Date 5 Year Cycle 04/22/2031

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

Alternate Product Category None

CDOT Restrictions as per CDOT Approving Authority

No Restrictions per CDOT Reviewer

Evaluators Signature:

Michael Tanner Digitally signed by Michael Tanner
Date: 2026.04.22 14:24:12-06'00'