

COLORADO DEPARTMENT OF TRANSPORTATION PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY	APL Reference No. 4493-19
--	-------------------------------------

Product Evaluation Coordinator Colorado Department of Transportation 4670 North Holly Street, Unit A Denver, Colorado 80216	Material code: 702.06.04.00 Material code description full name: Sealant, Mastic Asphalt
--	---

PART 1

Product name: Gap Mastic Mod 202	Product category: Sealant [Joint and Crack]\Mastic\Black for Asphalt
Product Representative (name & address): Attn: Nicole Maxwell Maxwell Products, Inc. 650 S. DeLong St. Salt Lake City, UT 84104 Phone: (800) 266-2090 E-mail: Nicole@maxwellproducts.com	Manufacturer (name & address): Attn: Weijie Ren Maxwell Products, Inc. 650 S. DeLong St. Salt Lake City, UT 84104 Phone: (800) 266-2090 E-mail: weijie@maxwellproducts.com
Web-site address: www.maxwellproducts.com	Web-site address: www.maxwellproducts.com

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

GAP Mastic is a hot-applied polymer modified asphalt mixed with engineered aggregates and modifiers designed to fill wide cracks and defects to prevent water infiltration and restore ride quality. Specification requires sealant to be heated in a melter utilizing oil as the heat transform medium. The material shall be melted using a manufactured applicator specifically designed for the melting, heating, and application of modified polymerized asphalt sealants with aggregate. Melter agitator must be capable of keeping aggregate evenly suspended in heated material. Place Gap material in the applicator, and melt by heating the transfer oils to temperatures of 450°F - 525°F

Restrictions, (installation and/or use):
 Must be placed in/on clean and dry repairs. At the time of placing the sealant, the pavement temperature should be a minimum of 40°F.

Use of the product, (be specific to CDOT highway activities only):
 Repair of wide thermal cracks, pot holes, rutting and depressed broken-up areas; also for use around solid structures.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
 GAP Mastic solves a wide array of pavement maintenance problems quickly and permanently. GAP Mastic is an economical and versatile solution for wide cracks, cupping, depressions, alligatored areas, small potholes, open seams, and more. GAP Mastic is designed to handle traffic, snowplows, water, weather, and pedestrian travel.

Specifications: (listing those applicable is required)

CDOT :
 ASTM : ASTM D5329, ASTMD36, ASTM D3111
 AASHTO :
 FHWA :
 other :

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

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

NTPEP-AASHTO :
 FHWA :
 other : PRI Asphalt Technologies Binder Testing
 other :
 other :

State DOT Approvals, (current documentation required):	Expiration Date 2 Years / 02-04-2021
Sample submitted: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> n/a Safety Data Sheets (SDS): <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a	

Alternate Product Category:
 Additional Comments:

PART 2

Form #595 (date entered): 01/31/2019	Form #595 (date to evaluator): 02/04/2019	APL Reference Number: 4493-19
Product Evaluation Coordinator's review:		
<input checked="" type="checkbox"/> PART 1 - Completed and changes being reviewed by Product Representative.		
<input checked="" type="checkbox"/> Standard Product - Forwarded to the appropriate CDOT Expert Product Evaluator (EPE) / Subject Matter Expert (SME).		
<input type="checkbox"/> Experimental Feature - Forwarded to Research Director.		
<input type="checkbox"/> Returned from the appropriate CDOT EPE/SME or Research Director.		
<input type="checkbox"/> Accepted - Product acceptable for pre-approval and meets CDOT's Specifications.		
<input type="checkbox"/> Rejected - Product unacceptable for pre-approval or contrary to CDOT specifications.		

PART 3

The CDOT Expert Product Evaluator is to complete this portion. Attach references and/or additional sheets as necessary. Do not perform any work until product is accepted for evaluation in PART 2, and a product reference number is assigned.

Evaluation methods and procedures. (EPE/SME should document intended evaluation procedure.)
Reviewed application

Findings and recommendations. (EPE/SME should write the exact specification(s) that the product complies with. Document the evaluation performed and the recommendation toward APL approval. Conclude with your signature, title and date):
There are no specifications in the Notice to Manufactures, currently. This approval will allow use per manufactures recommendation until further specifications are developed and this product will be subject to those specifications.

Ty B. Wied PE II 2/22/2019

Per PEC: comments and/or post-approval requirements (if applicable):

(Expiration Date (YYYY-MM-DD) 2021-02-04

PART 4

<input type="checkbox"/> Acceptable for use. Add to the Approved Products List (APL). [The evaluation and acceptance of this product is intended for CDOT use. DO NOT USE for Advertising.]		
<input type="checkbox"/> Rejected for use. Reason for rejection:		
CDOT Materials Engineer, Printed Name Craig Wieden PE III	CDOT Materials Engineer Signature	Date