

# Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

4943-24

Material Code

713.14.01.00

Material Code description full name

Traffic Control, Preformed Thermoplastic

## Part 1

Product Name:

PreMarkXF® White

Product category:

Traffic Control\Pavt Marking\Thermoplastic, Pref, No Preheat

Product Representative / Distributer (name & address):

Gary Pike

Manufacturer (name & address):

Zina Brooks

PPG/ Ennis-Flint, Inc.

4161 Piedmont Parkway, Suite #370

Greensboro, NC 27410

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Phone: (336) 308-3984 E-mail [gpike@ppg.com](mailto:gpike@ppg.com)

Website address

<https://www.ppg.com/traffic/en-US>

Phone: (336) 308-3984

E-mail: [zbrooks@ppg.com](mailto:zbrooks@ppg.com)

Website address

<https://www.ppg.com/traffic/en-US>

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

Material is a preformed thermoplastic pavement marking material composed of an ester modified rosin resistant to the detrimental effects of motor fuels, lubricants, hydraulic fluids, antifreeze, etc. Material has uniformly distributed glass beads throughout the entire cross sectional area. Material may be applied to bituminous and/or portland cement concrete pavements by the use of the normal heat of a propane torch. Material can be applied without minimum requirements for ambient and road temperatures and without any preheating of the pavement to a specific temperature. Material is manufactured with sufficient titanium dioxide pigment to meet FHWA Docket No. FHWA-99-6190 Table 5 and Table 6 as revised and corrected

**Restrictions, (installation and/or use):**

Pavement should be clean and dry. Application on non-bituminous surfaces requires a compatible primer sealer.

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

extremely durable; retroreflective; does not require specialized equipment for application. Flexible at cooler temperatures thus minimizes breakage from shipping and handling. Closing of the regularly spaced indents on the top, beaded surface, act as a visual cue during application that the material has reached a molten state so satisfactory adhesion and proper bead embedment has been achieved, and also as a post-application visual cue that the installation procedures have been followed. Material produced in an ISO 9001:2015 certified facility.

**Specifications: (listing those applicable is required.)**

- ☒ CDOT 627.09, 713.14  
☒ AASHTO M249, M247  
☒ ASTM E 303  
☒ Other FHWA Docket No. FHWA-99-6190 Table 5 and Table 6 as revised and corrected  
☐ 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) PMM 2020-01-082

☐ ASTM

☒ Other Future Lab: February 3, 2021

☐ Other

☐ Other

State DOT Approvals:

Expiration Date 5 Year Cycle 04/02/2030

Sample Submitted ☐ Yes ☒ No ☐ N/A

Safety Data Sheets (SDS): ☒ Yes ☐ No ☐ N/A

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature: