

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5854-25

Material Code

711.02.01.00

Material Code description full name

Concrete, Admixture

Part 1

Product Name:

MasterSet R 99 (Type A and D)

Product category:

Concrete\Admixture\Retarding||Water Reducing & Retarding

Product Representative / Distributer (name & address):

Mark E. Piechuta

Master Builders Solutions Admixtures US, LLC

23700 Chagrin Blvd.

Cleveland, OH 44122-5554

Manufacturer (name & address):

Mark E. Piechuta

Master Builders Solutions Admixtures US, LLC

23700 Chagrin Blvd.

Cleveland, OH 44122-5554

Phone: (216) 839-7072 E-mail mark.piechuta@masterbuildersolutions.com

Website address

<https://www.master-builders-solutions.com>

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

MasterSet R 99 ready-to-use, liquid admixture is used for making more uniform and predictable high-performance concrete. MasterSet R 99 admixture retards setting time by controlling the hydration of portland cement and other cementitious materials while facilitating placing and finishing operations. MasterSet R 99 admixture meets ASTM C 494/C 494M requirements for Type B, Retarding, and Type D, Water-reducing and Retarding admixtures.

Restrictions, (installation and/or use):

none known

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

1. Reduced water content required for a given workability.
2. Slow setting characteristics – providing flexibility in scheduling of placing and finishing operations.
3. Offsets effects of early stiffening during extended delays between mixing and placing

Specifications: (listing those applicable is required.)

- ☒ CDOT 711.03
☒ AASHTO M 194 Type B, Type D
☒ ASTM C 494 Type B, Type D
☒ Other CRD-C 87
☐ 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) CADD 2024-01-011

☐ ASTM

☐ Other

☐ Other

☐ Other

State DOT Approvals: Tx DOT, IN DOT, NC DOT

Expiration Date 4 Year Cycle 05/15/2029

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: