

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5996-26

Part 1

Material Code

711.02

Material Code description full name

Concrete, Admixture

Product Name:

MasterLife ASR 1778 [Type A]

Product category:

Concrete\Admixture\Water Reducing

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

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

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<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.)

MasterLife ASR 1778 is a Water-Reducing and ASR Inhibiting Admixture for concrete. It is formulated for use in concrete containing reactive aggregates to inhibit and control Alkali-Silica Reactivity (ASR).

MasterLife ASR 1778 admixture meets ASTM C 494/C 494M requirements for Type A, Water-Reducing, admixtures.

Restrictions, (installation and/or use):

None known

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

1. Can mitigate ASR (Alkali-Silica Reaction) in concrete containing highly reactive aggregates
2. Effective with cements of varying alkali content
3. Allows the use of locally available aggregates

Specifications: (listing those applicable is required.)

- CDOT 711.03
 AASHTO M 194 Type A
 ASTM C 494 Type A
 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 2024-01-120

ASTM

Other

Other

Other

State DOT Approvals: AZ DOT

Expiration Date 4 Year Cycle 04/14/2030

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: