

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

3196-25

Part 1

Material Code

711.02.01.00

Material Code description full name

Concrete, Admixture

Product Name:

MasterLife ASR 30

Product category:

Concrete\Admixture\Specific Performance

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.

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

Website address

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

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

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

MasterLife ASR 30 Admixture is a lithium based liquid admixture formulated for use in high alkali concrete containing reactive aggregates to inhibit and control Alkali-Silica Reactivity (ASR). It is compatible with other Master Builders Solutions Admixtures. It meets the requirements of ASTM C 494, Type S, Specific Performance Admixtures.

Restrictions, (installation and/or use):

none known

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

Recommended for concrete pavements, bridges, dams, and other structures which may be prone to ASR attack. Mitigates ASR, resulting in improved durability and extended service life of concrete structures. Allows use of locally available aggregates.

Specifications: (listing those applicable is required.)

- CDOT 711.03
- AASHTO M 194 Type S
- ASTM C 494 Type S
- Other
- 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-2021-01-065

- ASTM
- Other
- Other
- Other

State DOT Approvals: MT DOT, ID DOT, ME DOT

Expiration Date 4 year cycle 03/03/2029

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: