

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5978-26

Material Code

711.02

Material Code description full name

Concrete, Admixture

Part 1

Product Name:

Mapetard R

Product category:

Concrete\Admixture\Water Reducing and Retarder

Product Representative / Distributer (name & address):

Adrian Milewski

2155 High Hill Road
Logan Township NJ
08085

Manufacturer (name & address):

Mapei Corporation

2155 High Hill Road
Logan Township NJ
08085

Phone: (856) 883-9272 E-mail a.milewski@mapei.com

Website address

www.mapei.com

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

Mapetard R (formerly Polychem R) is a highly concentrated liquid admixture conforming to ASTM C494, Type D. Mapetard R reduces the quantity of mixing water required to produce concrete of a standard consistency with the benefit of extended slump life and workability. Concrete produced with Mapetard R will experience rapid strength development after the initial set occurs. If retardation is within the normal ASTM C494, Type B and D specifications, Mapetard R will develop higher early and ultimate strengths than regular concrete under normal comparable curing conditions.

Restrictions, (installation and/or use):

Mapetard R can be stored for 1 year in sealed containers; it may freeze at temperatures below 32°F (0°C)

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

The main applications in concrete of Mapetard R are the following:

- When controlled setting times and extended slump life are required especially in hot weather
- When improved workability, placement and superior finish are required
- Mass concrete pours and when it is necessary to reduce thermal peaks generated by the development of heat of hydration

Specifications: (listing those applicable is required.)

<input checked="" type="checkbox"/>	CDOT	711.02
<input checked="" type="checkbox"/>	AASHTO	M 194 Type D
<input checked="" type="checkbox"/>	ASTM	C 494 Type D
<input type="checkbox"/>	Other	
<input type="checkbox"/>	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.

<input checked="" type="checkbox"/>	AASHTO Product Evaluation & Audit Solutions (NTPEP)	CADD-2025-01-130
<input checked="" type="checkbox"/>	ASTM	C 494
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

State DOT Approvals: Most DOTs

Expiration Date: 4 Year Cycle 03/30/2030

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: