

Pre-Approved Product Evaluation Request & Summary

CDOT USE ONLY
5695-24

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

Material Code

701.01.02.00 CDOT Use Only

Material Code description full name

Cement, Blended CDOT Use Only

Part 1

Product Name:

Portland Plant, Type IT(25)(6) HS

Product category:

Concrete, Cement, Hydraulic (ASTM C595)

Product Representative / Distributer (name & address):

Bill Meek

Manufacturer (name & address):

Gabriel Rocchio

Holcim (US) Inc., a member of LafargeHolcim
1687 Cole Blvd, Suite 300
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Web-site address: holcim.us

Web-site address: holcim.us

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

ASTM C595 Type IT(25)(6) HS Hydraulic Cement; this cement meets the requirements of ASTM C595 Type IT hydraulic cement; it meets the ASTM C595 High Sulfate exposure requirements (see referenced ASTM C1012 Test Report).

Restrictions, (installation and/or use):

None

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

This product is typically used in concrete for general use, or where high sulfate resistance or ASR mitigation is required. This cement is made with 25% natural pozzolan and 6% limestone as per ASTM C595. The benefits to CDOT are a lower CO2 footprint because it is made with less clinker than ASTM C150 and C595 Type IL cement, it meets the CDOT 601.04 requirements for up to and including Class 3 sulfate exposure and is a very good mitigator of ASR.

Specifications: (listing those applicable is required)

- CDOT :
- ASTM : C595, Type IT HS Hydraulic Cement
- AASHTO :
- FHWA :
- other :
- Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories

Product Testing: (National/independent laboratories or universities with Report Date.) Certified Test Report (CTR) provided to validate all claims.

- AASHTO-PEAS (NTPEP) :
- FHWA :
- other : Portland Type IL (10) and 25% NP - 18-month ASTM C1012 Test Report
- other : Holcim Portland Plant, Material Certification Reports (November 2022- March 2024)
- other : SDS Holcim Blended Hydraulic Cement

State DOT Approvals:

Expiration Date 4 Years CDOT use 05/14/2029

Sample Submitted Yes No N/A Safety Data Sheets (SDS): Yes No N/A

Alternate Product Caegory

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature:

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