

Pre-Approved Product Evaluation Request & Summary

CDOT USE ONLY
4932-24

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

Material Code

701.05.01.01 CDOT Use Only

Material Code description full name

Cement, Slag Cement Grade 100

Part 1

Product Name:

Skyway Slag Cement

Product category:

Concrete\Cement\Slag Cement Grade 100

Product Representative / Distributer (name & address):

Mark Van Kleunen, Technical Service/Sales Engineer

Manufacturer (name & address):

Robert Carillo, Quality Control Manager

Skyway Cement
3020 E 103rd Str
Chciago, IL 60617

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3020 E 103rd Str
Chciago, IL 60617

Phone: (513) 478-0034 E-mail: mvankleunen@skywaycement.com

Phone: (219) 796-7191 E-mail: rcarillo@skywaycement.com

Web-site address: www.skywaycement.com

Web-site address: www.skywaycement.com

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

Skyway slag cement is manufactured at the Skyway plant in Chicago, IL. It meets ASTM C989 and AASHTO M302 for Grade 100. Slag cement is used as a cement replacement (20% - 70%) to improve a number of concrete properties. It contributes to increased strength, lower permeability, improved concrete durability, lower heat of hydration in mass concrete, alkali-silica (ASR) mitigation and mitigation of sulfate attack. Slag cement does effect the air content in concrete. Slag cement is 100% a recycled product. Contributes to improved sustainability. Skyway EPD GWP 91 kg CO2 eq vs ~900 for cement.

Restrictions, (installation and/or use):

Slag cement should be stored in a completely dry storage silo or dry area free from moisture.

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

Used as acement replacement (20% - 70%). Improves the durability of the concrete which can extend the service life of the concrete. Slag cement has shown through research and field performance to have higher strengths, lower permeability, ASR and sulfate mitigation, mass concrete. Is 100% recycled material. Will reduce CO2 significantly. Contributes to sustainability.

Specifications: (listing those applicable is required)

- CDOT : Standard Specification 701.05
- ASTM : C989
- AASHTO : M302
- 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 : Skyway Cement plant lab CCRL accredited
- other :
- other :

State DOT Approvals: AI, AR, FL, GA, IN, IA, KS, KY, OH, WI, IL, MI, MO, NE

Expiration Date 4 Years CDOT use 06/12/2028

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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