COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2507-14

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

Material code: 711.02.01.00

FOR INTERNAL CDOT USE

Material code description full name: Concrete, Admixture

PART 1

Product name: MasterSet FP 20 (previously: Pozzutec 20+)

Product category: Concrete\Admixture\Accelerating||Water Red. & Accelerating

Product representative (name & address):
Attn: Mark Piechuta
BASF Corporation
23700 Chagrin Blvd.
Cleveland, OH 44122-5554
Phone: (216) 839-7072 FAX: (216) 839-8821

Manufacturer (name & address):
Attn: Mark Piechuta
BASF Corporation
23700 Chagrin Blvd.
Cleveland, OH 44122-5554
Phone: (216) 839-7072 FAX: (216) 839-8821

Web-site address: www.masterbuilders.com

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

MasterSet FP 20 admixture is a multi-component, non-chloride, water-reducing and accelerating admixture formulated to accelerate concrete setting time and increase early and ultimate strengths across a wide range of ambient temperatures (hot, mild, cold and subfreezing). MasterSet FP 20 admixture meets ASTM C 494/C 494M requirements for Type C, accelerating, and Type E, water-reducing & accelerating admixtures.

New product name became effective January 15, 2014. There is absolutely no change to the formulation of the product.

Restrictions, (installation and/or use):

Not compatible in the same concrete mixtures with naphthalene based admixtures, such as MasterRheobuild 1000.

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

Accelerating or Water Reducing & Accelerating admixture, especially effective for concrete placement at ambient temperatures as low as 20°F (-7°C).

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

* Earlier finishing of slabs – reduced labor costs
* Reduced in-place concrete costs
* Reduced or eliminated heating and protection time in cold weather
* Earlier stripping and reuse of forms

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- [x] CDOT : Standard Specifications 711.03
- [x] ASTM : C 494 Type C, Type E
- [x] AASHTO : M 194 Type C, Type E
- [ ] FHWA :
- [x] other : CRD-C 87

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- [x] NTPEP-AASHTO : CADD 06-15
- [ ] FHWA :
- [x] other : TEC Services (October 1, 2013)
- [ ] other :

State DOT Approvals, (current documentation required):

Sample submitted: [ ] yes [x] no [ ] n/a

Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments

A sample can be provided upon request at no cost. Technical data sheets outline specific dosage information.
APPROVED BY 29 OTHER STATE DOT'S, INCLUDING CALTRANS, OR DOT, AZ DOT
Local Colorado BASF Sales representative is Brandon Cook; cell phone # (303) 704-3849