

**COLORADO DEPARTMENT OF TRANSPORTATION
PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY**

APL Reference No.

4933

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

Material code:
711.02.01.00

Material code description full name:
Concrete, Admixture

PART 1

Product name: Polychem 441	Product category: Concrete Admixture Water Reducing, High-Range
Product Representative (name & address): Attn: Bruce Haller MAPEI Corporation 1144 E. Newport Center Drive Deerfield Beach, Florida 33442 Phone: (954) 246-8520 E-mail: bhaller@mapei.com	Manufacturer (name & address): Attn: Bruce Haller MAPEI Corporation 2978 Center Court Eagan, MN 55121 Phone: (651) 454-4151 E-mail: bhaller@mapei.com
Web-site address: www.mapei.com	Web-site address: www.mapei.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Polychem 441 is a water-soluble, naphthalene based, high-range water reducing concrete admixture.

Restrictions, (installation and/or use):
protect at temperatures below 34°F

Use of the product, (be specific to CDOT highway activities only):
for use in paving and ready mixed concrete applications

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):
Polychem 441 increases workability while maintaining strength properties, reduces shrinkage cracking.

Specifications: (listing those applicable is required)

- CDOT :
- ASTM : **C 494 Type A & F**
- AASHTO: **M 194 Type A & F**
- FHWA :
- other :

Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories ONLY

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

- NTPEP-AASHTO: **CADD-2017-01-068 (Type A) and CADD-2017-01-069 (Type F)**
- FHWA :
- other :
- other :
- other :

State DOT Approvals, (current documentation required): **MO, TX, NY** Expiration Date **12/01/2025**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:
Additional Comments:
The following DOT's have approved this product: Missouri DOT, Texas DOT, New York DOT