

Colorado Department of Transportation Pre-Approved Product Evaluation Request & Summary		APL Reference No. 5915-25 CDOT USE ONLY									
Product Evaluation Coordinator Colorado Department of Transportation 4670 North Holly Street, Unit A Denver, Colorado 80216	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Material Code</td> <td style="padding: 2px;">601.03</td> <td style="width: 30%; padding: 2px; text-align: right;">CDOT Use Only</td> </tr> <tr> <td colspan="3" style="padding: 2px;">Material Code description full name</td> </tr> <tr> <td colspan="3" style="padding: 2px;">Concrete Reinforcing Fiber, Plastic</td> </tr> </table>		Material Code	601.03	CDOT Use Only	Material Code description full name			Concrete Reinforcing Fiber, Plastic		
Material Code	601.03	CDOT Use Only									
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Concrete Reinforcing Fiber, Plastic											
Part 1											
Product name: MasterFiber MAC 330 (4.0 lbs/cy)	Product category: Concrete/Fiber/Macro Fiber										
Product Representative (name & address): Attn: Mark E. Piechuta Master Builders Solutions Admixtures US, LLC 23700 Chagrin Blvd. Cleveland, OH 44122-5554 Phone: (216) 839-7072 E-mail: mark.piechuta@masterbuilders.com	Manufacturer (name & address): Attn: Mark E. Piechuta Master Builders Solutions Admixtures US, LLC 23700 Chagrin Blvd. Cleveland, OH 44122-5554 Phone: (216) 839-7072 E-mail: mark.piechuta@masterbuilders.com										
Web-site address: https://www.master-builders-solutions.com/en-us		Web-site address: https://www.master-builders-solutions.com/en-us									
Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.) MasterFiber MAC 330 is a high-performance synthetic macrofiber with a twisted rope structure, engineered for use as secondary reinforcement to control shrinkage and temperature cracking, and settlement cracking. It meets the requirements of ASTM D 7508, "Standard Specification for Polyolefin Chopped Strands for Use in Concrete", for MacroChopped Strands. MasterFiber MAC 330 product can be used in producing Type III synthetic fiber-reinforced concrete meeting the requirements of ASTM C1116/ C1116M "Standard Specification for Fiber-Reinforced Concrete". It has a nominal length of 2.25". It eliminates the need for welded-wire reinforcement and reinforcing bars used as secondary reinforcement, depending on the application.											
Restrictions, (installation and/or use): none known											
Use of the product, (be specific to CDOT highway activities only): Use in ready mixed or precast concrete where macro-fiber reinforced concrete is specified.											
Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products): *Eliminates the need for welded-wire reinforcement and reinforcing bars used as secondary reinforcement, depending on the application *Improved post-crack flexural performance *Excellent finishability											
Specifications: (listing those applicable is required) ☒ CDOT : 601.03 ☒ ASTM : C1116; D7508 ☐ 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. ☐ NTPEP-AASHTO: ☐ FHWA : ☒ other : ASTM D7508 test results and certification ☒ other : ASTM C1609 test report (SGS 24-1685-2-2) ☒ other : ASTM C1609 test report (SGS 23-733)											
State DOT Approvals, (current documentation required): TX, MN, IA, VA, ME		Expiration Date 09/23/2029 CDOT use Only									
Sample submitted: ☐ yes ☒ no ☐ n/a Safety Data Sheets (SDS): ☒ yes ☐ no ☐ n/a											
Alternate Product Category:											
CDOT Product Restrictions by CDOT Evaluator:		Evaluators Signature: CDOT use Only									