

Maine Department of Transportation  
 Qualified Products List of  
 Macro Synthetic Fibers for  
 Concrete Reinforcement

| Manufacturer  | Product Name           | Fiber Length           |
|---|------------------------|------------------------|
| ABC Polymer Industries, LLC<br>545 Elm Street<br>Helena, AL 35080<br>(724) 475-1177<br>www.abcpolymerindusties.com                  | MacroPro               | 1-½" & 2"              |
|   | Performance Plus DOT   | 1-½" & 2"              |
|   | Tuf-Max DOT            | 1-½" & 2"              |
| Advanced Fiber Solutions, Inc.<br>403 Powderhorn Road<br>Laurens, SC 29360<br>(800) 351-5410<br>www.advancedfibersolutionsinc.com   | ULTIMAX                | 1.5"                   |
| BASF Corporation<br>23700 Chagrin Boulevard<br>Cleveland, OH 44122-5544<br>(800) 628-9990<br>www.master-builders-solutions.basf.com | MasterFiber MAC 100    | 1.5"                   |
|   | MasterFiber MAC Matrix | 2.1"                   |
| Elasto Plastic Concrete<br>PO Box 460<br>Waxhaw, North Carolina 28173<br>(877) 622-7244<br>www.elastoplastic.com                    | BarChip48              | 1.87" (48mm)           |
| The Euclid Chemical Company<br>19218 Redwood Rd.<br>Cleveland, OH 44110<br>(216) 531-9222<br>www.euclidchemical.com                 | Tuf-Strand SF          | 2"                     |
| Forta Corporation<br>100 Forta Drive<br>Grove City, PA 16127<br>(800) 245-0306<br>www.fortacorp.com                                 | Forta Ferro            | 1-½" & 2-¼"            |
| Nycon Corporation<br>300 Ben Fairless Drive<br>Fairless Hills, PA 19030<br>(800) 456-9266<br>www.nycon.com                          | NyconXL                | 1-½" & 2"              |
| Propex Concrete Systems<br>6025 Lee Highway Suite 425/PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.fibermesh.com  | Fibermesh 650          | Graded                 |
|   | Novomesh 950           | Multi-Design Gradation |
| PSI Packaging, Inc.<br>1129 S. Chattanooga Street<br>LaFayette, GA 30728<br>(800) 858-5671<br>www.psifibers.com                     | MaxTen Fibers          | 1-½" & 2-¼"            |
| W.R.Grace & Co.-Conn.<br>62 Whittemore Avenue<br>Cambridge, MA 02140-1692<br>(617) 876-1400<br>www.graceconstruction.com            | STRUX™ 90/40           | 1.55" (40mm)           |

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This list represents materials prequalified as a reinforcement replacement for 6 x 6 #10 gauge welded wire fabric when used at the manufacturer's prescribed dosage rates for the construction of manhole and catch basin structures as allowed under Maine DOT Standard Specification, 712.06 Precast Concrete Units. These fibers are NOT intended to be a replacement for any reinforcing steel (rebar) in structural concrete.

Minimum dosage rate in pounds of fibers per cubic yard is established by determining an average residual strength of no less than 150 psi when tested in accordance with ASTM C1399. Please consult our [Product Acceptance Criteria for Concrete Reinforcement](#) for other requirements.

MaineDOT requires products on this list be re-certified five years from date of initial prequalification, and every five years thereafter in order to remain on the QPL.

PLEASE NOTE: Products often times may have multiple uses. Products appearing on this particular list are expressly pre-qualified for this category of usage only. Do not use these products for any other application unless this product is noted on other lists.

Sales Representatives seeking approval of a new product should first review the Department's Product Acceptance Criteria for Macro Synthetic Fibers for Concrete Reinforcement, submit their product's Materials Technical Data Sheet, Instructions for Installation, Safety Data Sheet, Certified Independent Testing Lab Reports, and a completed copy of [MaineDOT's New Product Evaluation form](#).

If you are experiencing difficulties reading or printing this page, or any page on the Qualified Products List website, please contact the Product Evaluation Coordinator at 207-624-3268.

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