

901-M-064 PACKAGED PATCHING PRODUCTS

(Adopted 12-17-21)

The Standard Specifications are revised as follows:

SECTION 603, BEGIN LINE 12, DELETE AND INSERT AS FOLLOWS:

~~Concrete, Packaged Dry.....901.08~~
 Farm Field/Woven Wire910.18(a)
 Fence Posts.....910.13
 Gates.....910.18(d)
Packaged Patching Products901.08
 Tension Wire.....910.18(b)1

SECTION 710, BEGIN LINE 36, DELETE AS FOLLOWS:

~~A type B certification in accordance with 916 shall be provided for the packaged patching products. The certification shall be submitted to the Department's Concrete Engineer at least 14 calendar days prior to application of the materials.~~

SECTION 802, BEGIN LINE 22, DELETE AND INSERT AS FOLLOWS:

802.02 Materials

Materials shall be in accordance with the following:

Concrete702 ~~or 901.08~~
 Fasteners.....919.01(d)
 Overhead Sign Structure910.19
Packaged Patching Products901.08
 Reinforcing Bars910.01
 Sign Posts.....910.14
 Traffic Signs.....919.01

SECTION 901, BEGIN LINE 548, DELETE AND INSERT AS FOLLOWS:

~~901.08 Packaged, Dry, Combined Materials for Mortar and Concrete~~*Patching Products*

Packaged patching products shall be selected from the Department's QPL of Rapid Setting Patch Materials. A packaged patching product may be added to the QPL by completing the requirements in ITM 806, Procedure F.

~~These materials~~*Packaged patching products* shall be in accordance with ASTM C387. All packages shall be identified as conforming to ASTM C387. The markings shall also show the kind and type of material, the net weight in each bag, the yield in cubic feet or yield in square feet per inch of thickness, and the amount of water recommended for mixing to produce a 2 in. to 3 in. slump.

The following exceptions to ASTM C387 shall apply for packaged patching products used in accordance with 710. ~~The limits of the following shall be shown on the type B certification.~~

Physical Test	Specification	Requirements
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Compressive Strength, min. 24 h 28 days	ASTM C109 on 2 in. cubes (neat)	2,000 psi 5,000 psi
Length Change, max. 28 days (air storage) 28 days (water storage)	ASTM C157, modified C928	-0.09% +0.03%
Slant/Shear Bond Strength, min. 28 days	ASTM C882 modified*	2,000 psi
Modulus of Elasticity Minimum @ 28 days Maximum @ 28 days	ASTM C469	3,000,000 psi 5,000,000 psi
* Product scrubbed into substrate or as recommended by the manufacturer.		
