



# TENON<sup>®</sup>

## Concrete Patching Mix



## MN DOT Grade 3U18 Concrete Patching Mix

Tenon® Concrete Patching Mix is a dry-mixed combination of Portland cement and aggregates that is proportioned and manufactured according to MnDOT specification 3105 for grade 3U18. When mixed according to specifications with water and admixtures, it is an ideal mixture for repairing concrete pavement, industrial floors, and structural concrete.

### Features:

- Used for full- and partial-depth repairs, roads, highways, parking structures, industrial floors, and new construction
- Freeze/thaw resistant (when used with air-entraining admixture and water-reducing admixture)
- Pre-blended concrete mix
- High compressive strength
- Excellent durability



### Application

1. Shovel or place mixture immediately into pre-dampened prepared area. Application should be between 1 ½ in. (38 mm) to full depth.
2. Once the mixture has been compacted and spread to completely fill forms or patch, strike off with a straight board or screed, moving the edge back and forth with a saw-like motion. Use a darby or bull float to level any ridges and fill voids left by the screed.
3. Concrete shall be used and placed in final position within 1 hour after initial mixing or discarded at that time under normal temperatures. Warm temperatures will accelerate set.
4. Allow the concrete to reach initial set; wait for all water to evaporate from the surface before finishing with a trowel or broom. Can be open to foot traffic in 6 hours, wheeled traffic in 24 hours.
5. Do not retemper Concrete Patching Mix. Do not over-work the concrete mixture.

Typical Values · Tenon Concrete Patching Mix		
	Mixed with water only	Mixed with air-entraining admixture and water-reducing admixture
Unit Weight	147.2 lb.ft <sup>3</sup>	145.8 lb.ft <sup>3</sup>
Air Content	3.1%	5.9%
Slump	1 in. (25 mm)	1 in. (25 mm)
Water/Cement Ratio	0.385	0.345
Initial Set (hr:min)	~ 3:00	~ 3:15
Final Set (hr:min)	~ 4: 40	~ 4:15

### Available In:

Tenon<sup>®</sup> Concrete Patching Mix is available in a 50 lb. bag. Each 50 lb. (22.7 kg) bag yields approximately 0.375 cu. ft. wet (10.6 L).



50 lb.

BOM #126198

### For professional use only.

It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use. For technical assistance, please contact TCC Materials. To acquire technical and safety literature, please visit our website.