TENON®

# Bonding Additive




## Acrylic Concrete Bonding Agent

Tenon® Bonding Additive is a high-solids acrylic admixture that enhances adhesion, strength, durability, and workability in cement-based mortars, repair materials, tile setting mortars, and grouts. It improves freeze/thaw resistance, reduces efflorescence, provides UV resistance, and can be diluted with water for added versatility and cost savings. It also serves as a paint-on bonding agent for improved adhesion to existing substrates.

## Features:

- Stronger bond strength and adhesion
- Improved strength, durability, and workability
- VOC compliant and solvent-free
- Interior/exterior use
- ASTM C1059 compliant and MnDOT approved
- Ideal for mortars, grouts, patches, and underlayments
- Tenon Bonding Additive Color Admix comes in 14 standard colors

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## Uses

- Surface Bonding Additive: For concrete and other cement-based materials
- Cement Additive (Non-Modified Mixes): For Portland cement, masonry, repair, and grout products
- Tile Setting Mortar Additive:
  - For walls, floors, and ceilings
  - Sets ceramic, porcelain, glass, quarry tile, pavers, marble, slate, and cement tile
  - Provides excellent adhesion (including to exteri or-grade plywood)
  - Reduces water absorption
  - Meets ANSI A118.4 and A118.11 standards
- Suitable Substrates: Concrete, tile backerboard, gypsum board (walls), cutback adhesive, Tenon Waterproofing & Crack Isolation Membrane, resilient flooring, exterior-grade plywood (interior floors), cured concrete, tile, and VCT

| Typical Mix Ratios | Mix Ratio | | Total Liquid |
|---|---|---|---|
| | Water | Bonding Additive | |
| **Product** | **Typical Quarts (L) of Liquid** | | |
| 80 lb. (36.3 kg) Mortar Mix | 3 ¾ qt. (3.5 L) | 1 ¼ qt. (1.1 L) | ≈ 5 qt. (4.7 L) |
| 60 lb. (27.2 kg) Mortar Mix | 3 qt. (2.8 L) | 1 qt. (0.95 L) | ≈ 4 qt. (3.78 L) |
| 60 lb. (27.2 kg) Concrete Mix | 1 ¾ qt. (1.65 L) | 1 ¾ qt. (1.65 L) | ≈ 3 ½ qt. (3.5 L) |
| 60 lb. (27.2 kg) Sand Mix | 2 ¼ qt. (2 L) | 2 ¼ qt. (2 L) | ≈ 4 ½ qt. (4.25 L) |
| 50 lb. (22.7 kg) Mortar Mix | none | 8.5 qt. (8 L) | ≈ 8 ½ qt. (8 L) |

## Available In:

Tenon® Bonding additive is available in 1 gal. bottle, 5 gal. pail, and 55 gal. drum.




**55 Gal**
BOM #130020




**5 Gal**
BOM #120526




**1 Gal**
BOM #120525

**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.

TCC MATERIALS

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