TENON[™]

VERTICAL REPAIR SELECTION GUIDE



| | | | | | | SPEC BLENDED CONSTRUCTION PRODUCTS |
|--|--|---|--|---|--|--|
| ADVANTAGES/USES | RAPID PATCH [®] Vertical Repair | VERTICAL CONCRETE SURFACE FINISHER | SURFACE BONDING CEMENT CR | BLEND-PRO | RUB-PRO | VINYL CONCRETE PATCH |
| | | Vertical Concrete Surface Finisher Wertersteinstein Wertersteinstein Wertersteinstein Werterstein | | TENON Blend-Pro TM | | |
| | Non-slumping, high-strength, non-shrink, Portland-limestone cement-based patching mix for vertical and overhead holes Can be shaved or molded to required shapes Patch honeycombs, filling precast concrete, holes and repairs on masonry and stucco Commercial use | Cementitious protective waterproofing coating for concrete and masonry Seals pores, yet breathes Use in pools, cisterns, bridge parapets, silos, and walls Mix with Mighty Bond liquid additive Spray or brush applied, without rubbing process Commercial use | Versatile Portland-limestone cement-based product to restore retaining walls or block walls, patch large vertical holes, and repair stucco Use in construction of dry-stack concrete block walls Mix with Mighty Bond additive Commercial use | Interior/exterior Horizontal, vertical, and overhead application Can be shaped and shaved after initial set Integrated corrosion inhibitor Tenacious bond to substrates | Interior/exterior Vertical and overhead application Self-curing Non-shrink finish No primer needed | Portland-limestone cement-based, high-strength patching mix Horizontal and vertical application Repair minor concrete surface imperfections and general purpose patching Polymer-modified Excellent resistance to deicing salt Commercial use |
| | | | APPLICATION | | | |
| Thickness | Feather edge minimum 1½" maximum per layer | Feather edge minimum 2 coats for waterproofing | Apply ⅔" to ½" maximum per layer | Apply ¼" to 2 in" maximum per layer | Feather edge to ½" maximum per layer | Feather edge minimum Max 2" per layer |
| Initial Set Time @ 70°F | 0:15 (hr:min) | 0:15 (hr:min) | 2:00 (hr:min) | 0:20 (hr:min) | 0:30 (hr:min) | 0:30 (hr:min) |
| Final Set Time @ 70°F | 0:30 (hr:min) | 24:00 (hr:min) | 4:00 (hr:min) | 0:30 (hr:min) | 0:40 (hr:min) | 1:00 (hr:min) |
| Pot Life @ 70°F | 15 min | 15 min | 30 min | 15 min | 25-35 min | 30 min |
| Surface Open to Use | < 1 hr | 24 hr | 48 hr | 24 hr | 24 hr | 8-12 hr (foot) 48 hour (wheel) |
| Temperature Use Range | 40°F-90°F | 50°F-90°F | 50°F-90°F | 40°F-80°F | 40°F-80°F | 50°F-90°F |
| Industry Standards | Meets or exceeds ASTM C387 | Meets or exceeds ASTM C387 Approved by MNDOT under Special Surface Finish System when mixed with Mighty Bond liquid additive | Meets or exceeds ASTM C90, C887, C946, E72, E136, Federal Specification TTP-0035 | Meets or exceeds ASTM C387 | Meets or exceeds ASTM C928 | Meets or exceeds ASTM C387 |
| Enhancements | Excellent freeze/thaw and salt resistance Low shrinkage | Excellent resistance to fungus growth, freeze/thaw cycles, and salt; Low shrinkage | Fiber-reinforced Non-sag | Polymer-modified Corrosion inhibitor | Polymer-modified Corrosion inhibitor | Polymer-modified |
| Compressive Strength | >5,500 psi (7 day) 6,650 psi (28 day) | 4,200 psi (28 day) | ≥ 3,500 psi (28 day) | 4,000 psi (24 hr.) 5,500 (28 day) | 3,500 (28 day) | >4,000 psi (24 hr.) >7,000 psi (28 day |
| Intended Uses | Patching holes, honeycombs, precast concrete, repair exposed reinforcing rods | Seal pores, voids, and honeycomb on walls without rubbing Waterproof pools and cisterns | Patch vertical holes, restore block and stucco walls, dry stack block walls | Patching holes, honeycombs, precast concrete, repair exposed reinforcing rods | Patching holes, honeycomb, and cracks | Repairs to floors, stairs, walkways, driveways; Resetting/pointing of brick, block, or stone |
| Suitable Substrates (Refer to Data Sheet for restrictions and notes) | Concrete (repairs) | Concrete (repairs) | Concrete (repairs) | Concrete (repairs), concrete pipe, precast | Precast, masonry block | Concrete |
| Color | Gray | Light Gray and White | Gray and White | Gray | Gray | Gray |