



INDUSTRIAL • ROAD REPAIR • PRECAST • TILT-UP SELECTION GUIDE

	TCC Materials® AE Concrete Patching Mix (3U18M)	TCC Materials® Concrete Patching Mix (3U18)	TCC Materials® Microsilica Concrete Patching Mix	Akona® Rapid Patch® Concrete Surface Repair	Akona® Rapid Patch® Concrete Refinisher	TCC Materials® Partial Depth Concrete Patch
	High Strength Concrete Patch with Water Reducer and Air	High Strength Portland and Aggregate Repair Patch	Increased Durability Concrete Repair Patch	Fast-Setting Patching Material	Vertical & Overhead Concrete Patch	High Strength Partial Depth Concrete Patch
Product Benefits	<ul style="list-style-type: none"> • 1 day strength: 4,000 psi • 28 day strength: 8,200 psi • 28 day tensile: 550 psi • Air entrained • Water reducer 	<ul style="list-style-type: none"> • 1 day strength: 4,000 psi • 28 day strength: 8,200 psi • 28 day tensile: 550 psi • Add air/water reducer in field 	<ul style="list-style-type: none"> • 1 day strength: 4,550 psi • 28 day strength: 8,000 psi • 28 day tensile: 410 psi • Microsilica for increased density and durability 	<ul style="list-style-type: none"> • Initial Set: 33 min • 1 day strength: 3,480 psi • 28 day strength: 5,790 psi • 28 day tensile: 485 psi • Meets ASTM C928-R2 	<ul style="list-style-type: none"> • Initial Set: 8-10 min • 1 day strength: 5,530 psi • 28 day strength: 8,740 psi • Apply from feather edge to ½" depth • Sculpt & shave patch 	<ul style="list-style-type: none"> • Durable patching material • No pea gravel • Shallow depth repairs less than 2"
Typical Yields	<ul style="list-style-type: none"> • 80# bag will yield .6 cubic feet of wet material • 45 bags will cover 1 cubic yard 	<ul style="list-style-type: none"> • 75# bag will yield .57 cubic feet of wet material • 48 bags will cover 1 cubic yard 	<ul style="list-style-type: none"> • 80# bag will yield .6 cubic feet of wet material • 45 bags will cover 1 cubic yard 	<ul style="list-style-type: none"> • 50# bag will yield .5 cubic feet of wet material • 54 bags will cover 1 cubic yard 	<ul style="list-style-type: none"> • 50# bag will yield .5 cubic feet of wet material • 54 bags will cover 1 cubic yard 	<ul style="list-style-type: none"> • 80# bag will yield .6 cubic feet of wet material • 45 Bags will cover 1 cubic yard
Application						
Partial depth repair				★	★	★
Full depth repair	★	★	★	★ <i>(add pea gravel)</i>		
Vertical or overhead					★	
Horizontal repairs	★	★	★	★	★	★
Air-Entrained	★					
Leveling and underlayments	★	★	★	★	★	★
Patching concrete slabs	★	★	★	★	★	★
Fast-Setting				★	★	
Patches less than 2" deep				★	★	★
Bridge deck repair	★	★	★	★	★	★
Parking structures	★	★	★	★	★	★
Formed/precast concrete				★	★	★