

*POLISHED CONCRETE PATCHING MATERIAL COMPARISON CHART

*INFORMATION TAKEN FROM PRODUCT DATA SHEETS, HARDNESS COMPARISON CHART AND FIELD APPLICATIONS.

*Only products highlighted **Yellow** are designated by the manufacture for polished concrete

Polished or Clear Sealed Patching Products Comparison	Compressive Strength	Shore A or D Hardness	Cure Time to Grind	UV Resistance	Mohs Scale of Hardness	Color Match	Densifies	Accepts Dye	Mechanically Polishes as adjoining Concrete	Repair for both Cracks and Spalls
1. Metzger/McGuire ARMOR-HARD "Resin Base"	10,500 PSI	Shore D 86+	8 Hours	Poor	2.6	Poor-Solid Color/no aggregate	No	No	No	Yes To 1" Thick
2. Metzger/McGuire Rapid Refloor Pit Grout "Resin Base"	3,550 PSI	Shore D 70-75	45 Minutes	Poor	2.5	Poor-Solid Color/no aggregate	No	No	No	Yes 1/8" to 3/4"
3. Metzger/McGuire Rapid Refloor "Resin Base"	4,000 PSI	Shore D 70-75	25 Minutes	Poor	2.5	Poor-Solid Color/no aggregate	No	No	No	Yes 1/64" to 3/4"
4. Metzger/McGuire Rapid Refloor "Resin Base Hybrid"	4,190 PSI	Shore D 75-80	60-120 Minutes	Poor	2.5	Fair-Solid Color/with Sand	No	No	No	Yes 1/64" to 1/8"
5. Roadware Match Crete "Resin Base"	None Listed	Shore D 60	10 Minutes	Poor	2.5	Fair-Solid Color/with Sand	No	No	No	Yes Score 1/4" deep at edge
6. VersaFlex Quick Mender "Resin Base"	With Sand 4,450 PSI	Shore D 60-65	30 Minutes	Poor	2.4	Fair-Solid Color/with Sand	No	No	No	Yes Score 1/8" deep at edge
7. Hi-Tech TX-3 "Resin Base"	With Sand 4,800 PSI	Shore D 60-65	30 Minutes	Poor	2.4	Fair-Solid Color/with Sand	No	No	No	Yes Score 1/2" deep at edge
8. Rapid Set Cement-All "Cement Base"	9,000 PSI 28 Days	N/A	8 Hours	Excellent	6+	Poor	No Is Calcium Aluminate	Yes	Chips at edges of repair	No Feather edge to 4" Deep

Cost comparison of products per One US ounce of material

Nationally advertised list price

*Match Patch Pro FC \$0.76 OZ

Quick Mender \$0.80 per OZ

Pit Grout \$1.03 per OZ

RS 88 - \$1.63 per OZ

Rapid Refloor \$2.34 per OZ

9. Ardex CP "Cement Base"	3,600 PSI 28 Days	N/A	8 Hours	Excellent	6+	Poor	No Is Calcium Aluminate	Yes	Chips at edges of repair	No Score 1/4" deep to 1/2"
10. L&M Duracrete "Cement Base"	5,000 PSI 28 Days	N/A	8 Hours	Excellent	6+	Poor	No Is Calcium Aluminate	Yes	Chips at edges of repair	No Score 1/8" to 3"
11. Raeco Patch & Polish "Cement Base"	6,250 PSI 28 Days	N/A	8 Hours	Excellent	3	Poor Aggregate Separation	No Is Calcium Aluminate	Yes	Chips at edges of repair	No 1/4" to 1/2"
12. H&C Quick Patch & Repair "Cement Base"	6,042 PSI 28 days	N/A	8 Hours	Excellent	6+	Poor	No Is Calcium Aluminate	Yes	Chips at edges of repair	No 1/8" to 1/2"
13. Moore Patch FS (Fast Cure) "Resin and Cement Base Hybrid"	4,800 PSI	N/A	30 Minutes	Fair	6+	Match virtually any concrete color	Yes Has Portland Cement	Yes	Yes	Yes 020" to 4" Deep
14. Moore Patch LPL (Long Pot Life) "Resin and Cement Base Hybrid"	10,500 PSI	N/A	6 Hours	Good	6+	Match virtually any concrete color	Yes Has Portland Cement	Yes	Yes	Yes 020" to 4" Deep

Concrete Polishing Association of America (CPAA) specifies; *"The specified material must have sufficient bonding capabilities to adhere after the polishing to the concrete surface and provide abrasion resistance equal to or greater than the surrounding concrete substrate."*

Pictures of Patching Products on Polished Concrete Floors



1.

2.



3.



4.



5.



6.



7.



8.



9. NO PICTURE AVAILABLE?

10. NO PICTURE AVAILABLE?

11.



12. NO PICTURE AVAILABLE?

13.



14.



Approximate comparison of hardness scales

