

**Comparison of Hot Mix, Cold Mix and FloMix for Asphalt Repair  
With no removal or grinding and No BUMP Solutions that LAST!**

	Hot Mix	Cold Mix	FloMix
<i>Mechanical Strength</i>	Excellent compressive strength with proper compaction	Low Strength, works in potholes only	<b>High tensile, compressive and rupture strength</b>
<i>Edge Strength</i>	Very low	Very low	<b>Excellent</b>
<i>Flexibility</i>	Yes	Yes	<b>Yes</b>
<i>Adhesion</i>	Must be tack coated and compacted	Mainly mechanical interlock	<b>Excellent</b>
<i>Fuel/Chemical/Water Resistance</i>	No	No	<b>Yes</b>
<i>Memory</i>	No	No	<b>Yes, Recovers to original shape after loading</b>
<i>Manpower Requirements</i>	Skilled crew familiar with Special Equipment	No Special Skill set required	<b>No Special Skill set required</b>
<b>Application</b>			
<i>Before repairs</i>	Obtain Hot Mix	Potholes Only	<b>Minimal Surface Preparation</b>
<i>Surface</i>	Smooth ride requires skilled crew	Poor Ride	<b>Excellent match to grade simple</b>
<i>Main Use</i>	New Construction Overlays Not designed for repairs	Hot mix alternative skin patching, winter repairs	<b>Rapid, permanent repairs</b>
<i>Equipment</i>	Asphalt truck plus specialized equipment and crew for application and compacting	Shove/Compactor	<b>Simple mixing equipment and hand tools</b>
<i>Application Temperature</i>	Ideal 70-95 F	60 F minimum	<b>Any temperature 30 F and up</b>
<i>Repair Depth</i>	1 inch to full depth	Potholes and skin patches	<b>Feathered to full depth</b>
<i>Compaction</i>	Must be compacted to attain strength	Compacted by traffic	<b>Self-compacting, Non-Shrinking, Flowable</b>
<i>Availability</i>	Must be purchased just prior to use and maintained hot, Subject to hot mix plant avail.	Can be inventoried, but dries out and has limited shelf life	<b>Can be inventoried with Shelf life of 1 plus year, available when you need it!</b>
<i>Potholes</i>	Requires removal, squaring off, base repair prior to repair	Temporary repair, Poor match to grade	<b>Minor preparation, No removal, Excellent match to grade</b>
<i>Cracks &amp; Cold Joints</i>	No	No	<b>Yes</b>
<i>Mismatched grades</i>	No	No	<b>Yes</b>
<i>Rutting Raveling</i>	No	No	<b>Yes</b>
<i>Base Damaged Asphalt</i>	Removal of asphalt and base repair prior to repair	No	<b>Skin patch on asphalt over damage</b>
<i>Alligating, Block Cracking</i>	No	No	<b>Yes</b>
<i>Water Proofing, Fuel Proofing - no wash out</i>	No	No	<b>Yes</b>
<i>Traffic Loops</i>	No	No	<b>Yes</b>
<i>Utility Cuts</i>	First repair with cold mix and then replace with hot mix later	Temporary Repair	<b>Any width ½ inch and up – One stop repair – Fast return to service.</b>
<i>Manholes</i>	Must be removed prior to repair	Temporary Repair	<b>No removal required</b>

***Our FloMix is the new 'green' for asphalt repair and preservation!***

*Available from:*

Express Polymers, Inc.  
Superior Solutions for Concrete & Asphalt  
Repair, Preservation and Beautification  
500 Millers Run Road  
Morgan, PA 15064  
412-287-5509 – 888-433-6922



**Also available  
in Concrete  
Gray**

