

INSTRUCTIONS and MIX CHART

1. Remove any loose or unsound material. Saw cutting is not normally needed.
2. Blow all dust and dirt from area in and around the repair area.
3. If moisture is present, dry the entire area using a leaf blower, compressed air or a propane weed torch.
4. Estimate the volume of the repair in cubic feet.
5. Determine the amount of Road and Bridge 101 needed for the repair. Note: Be conservative and try not to make more slurry than you need. You can always add to an under filled repair. Remember that the measured resin will grow 2.5 to 3 times when the aggregate is added. Example: 1 qt. of resin will produce up to 3 qt. of slurry.
6. Pour the Road and Bridge 101 resin into a measuring container. Be as precise as possible.
7. From the blending chart, determine the amount of catalyst required.
8. Add the catalyst to the resin in the measuring container and blend well.
9. Brush or roll a portion of the mixture onto the surface to be repaired.
10. Pour the remaining mixture into a mixing bucket and slowly add the dried aggregate and blend. Continue adding aggregate until the desired consistency is reached. For the best results, do not add more than three times the aggregate by volume than the resin mixture. For vertical and overhead repairs, the slurry should be thick (maximum sand). For crack filling, self-leveling applications and screeding, use less aggregate for a more flowing slurry.
11. Trowel the material into the repair area. Remember that Road and Bridge 101 will not swell nor shrink in the hole. Trowel or screed the repair flush to the surface. Note: This is especially important on surfaces where snow plowing is likely.
12. Finish the repaired surface by broadcasting aggregate generously across the entire area.
13. Under normal temperature and humidity conditions you should expect the repair to be hard enough for traffic within 30 minutes or less. A simple ping test is all you need.

ROAD and BRIDGE 101

CATALYST BLENDING GUIDE BASED UPON AMBIENT TEMPERATURE

Add *precisely measured* catalyst to measured amounts of resin.

TEMP.	PINT	QUART	1/2 GALLON	GALLON	5 GALLON
Hot 80 + ***	5 cc	10 cc	20 cc	40 cc	200 cc
Warm 60-79	6 cc	12 cc	25 cc	50 cc	250 cc
Cool 40-59	9 cc	18 cc	35 cc	70 cc	350 cc
Cold	<i>Call your representative when working below 40° F.</i>				

After thoroughly blending the 101 resin and the catalyst together, slowly add the aggregate and mix. Continue to add aggregate until the desired consistency is reached. Aggregate to resin mixture ratio should not exceed 3:1.

*** In extreme heat with direct afternoon sun, reduce the catalyst amount by 10%

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