



Top Patch® FAQ

Frequently asked questions from industry pros:

1. What kind of surface preparation is needed before applying Top Patch?

- o Proper surface preparation usually includes cleaning the area of debris, and loose material, usually with leaf blower and possibly a broom. In colder temperatures, be sure to remove snow and ice to ensure optimal bonding.
- o NOTE: Damp surfaces are OK for Top Patch repairs. If standing water, remove as much water as possible with leaf blower, or compressor.
- o If still dirty, use a pressure washer if possible. Top Patch will adhere to the top layer – so dirt, etc is not helpful.
- o The surface Top Patch is poured on will determine the strength of the adhesive bond – if dirt / mud / snow are on / in the pavement – that is what Top Patch adheres to – therefore the Top Patch will not have the base to adhere to – but there will be some adhesion on the sides.
- o Top Patch is unique from all other products in its tenacious adhesion, coupled with the flexibility to move with concrete/asphalt in freezing conditions.

2. How does Top Patch handle thermal expansion and contraction in asphalt surfaces?

- o The High-Performance resin in Top Patch is uniquely flexible and can accommodate the natural expansion and contraction of asphalt or concrete due to temperature changes. reducing the risk of cracks reappearing, or expanding

3. Is Top Patch compatible with sealcoating?

- o Yes, once cured, Top Patch can be seal-coated over, integrating seamlessly with the surrounding pavement. No need to wait 24+ hours to seal-coat, can be seal-coated in an hour after Top Patch repairs are made. Top Patch will reduce the amount of repairs needed year after year.

4. Can Top Patch be applied over areas with existing crack sealant or seal coating material?

- o Yes, but start by removing as much of the existing sealant/seal coating with a diamond cup wheel & angle grinder to ensure a strong bond. If Top Patch was previously installed – Top Patch will adhere to itself.

5. Will Top Patch adhere to Aqua Patch or Aqua Phalt?

- o We have not tested Top Patch for adhesion to those products.

6. Will Top Patch adhere to epoxies used by professional racetracks in the past – such as SLQ or PPC products?

- o Yes ! we have had repairs with those other products that worked

7. How does Top Patch perform in areas with heavy vehicular traffic?

- o Top Patch is formulated to withstand heavy traffic, making it suitable for use on roads, highways, and industrial areas, even inside commercial/industrial building floors.

8. How does the application time of Top Patch compare to traditional methods?

- o Top Patch is faster making repairs, and significantly faster in re-opening repair areas for traffic. Under most conditions, roads can be re-opened in about an hour. NOTE: Top Patch is available in “Super Fast” version, that is drivable in about 15 minutes. NOTE – this is NOT recommended for most installation repairs, and especially not recommended for preventive maintenance surface repairs.

9. What’s the expected lifespan of a Top Patch repair in high-traffic conditions?

- o In high-traffic conditions, Top Patch can last significantly longer than traditional repairs, often exceeding the 3-year warranty.

10. Can Top Patch be used to repair longitudinal joints/cracks?

- o Yes, Top Patch is effective for repairing longitudinal joints, providing a durable, long-lasting solution. Extend Top Patch past cracked areas by about 2” to make sure Top Patch adheres to solid concrete/asphalt. Due to its chemical cure, Top Patch will harden and will not continue to drip down cracks, like some products.

11. How resistant is Top Patch to water infiltration?

- o Due to its tenacious adhesion as well as being waterproof and not needing additional seam sealing; Top Patch is highly resistant to water infiltration, reducing the risk of damage from freeze-thaw cycles. Be sure to feather out Top Patch 1-2” minimal onto solid asphalt/concrete & press into that surface to maximize its adhesion.

12. Is Top Patch effective in extreme weather conditions, like very cold or hot climates?

- o Yes, Top Patch performs well in a wide range of temperatures, maintaining its integrity in both very cold (20°F) and hot climates (95°F). If raining or wet repair areas – use a leaf blower to remove any standing water and continue as normal.

13. Can Top Patch be used on ramps and inclines?

- o Yes, Top Patch can be applied on ramps and inclines, and its quick curing time ensures it stays in place.
- o Top Patch is also effective as HFST (High Friction Surface Treatment, and/or anti-skid application too. We have different aggregates and the flexibility that the installer can adjust both grit size and quantity specifically for this reason.

14. How does Top Patch bond with different road materials such as concrete and asphalt?

- o Top Patch bonds exceptionally well with both asphalt and concrete, offering similar durability on both surfaces. Top Patch actually exceeded the adhesion test conducted by a 3rd party

testing facility for “worn asphalt” (AKA roads). Top Patch has also been successfully tested on pressure-treated wood (AKA DOT Timber Bridges).

15. Does Top Patch require any special storage conditions to maintain its effectiveness?

- o Top Patch should be stored in a cool, dry place, away from direct sunlight, to maintain its effectiveness.

16. Is Top Patch UV resistant?

- o Yes, Top Patch is formulated to resist UV degradation, maintaining its color and integrity over time. We do recommend prior to installing Top Patch, Top Patch is stored away from sunlight/UV. Top Patch Cure should be stored in an office or temperature stable location.

17. Can Top Patch be used to repair spalled concrete?

- o Yes, Top Patch is highly effective for repairing spalled concrete surfaces, providing a durable and aesthetically pleasing finish.
- o Top Patch is also more salt-resistant than other repair options. Salt contributes to spalled concrete.

18. Is Top Patch suitable for pavement repair on concrete or asphalt bridge decks?

- o Yes! Top Patch will make bridge deck repairs the same as on other concrete/asphalt roads. Top Patch is perfect for repairing bridge decks – since it cures via chemical reaction, instead of the slow cure/setting of asphalt/concrete – the vibrations of the bridge from the road traffic will not affect Top Patch’s curing or repairing the bridge deck.

19. Could Top Patch be used to eliminate a step – if a contractor now installs cold patch (for various reasons), and then later comes back and removes cold patch in order to make long-term repair with HMA?

- o Absolutely! Any time cold patch is used, followed at a later date with HMA, Top Patch can be substituted instead of cold patch, therefore - no need to return a 2nd time to install HMA. This will eliminate 2nd truck charge, in addition to the entire second trip labor, and the use of two different materials (labor and materials).

20. Is Top Patch suitable to make trip hazard repairs & ADA height offsets?

- o Yes! Top Patch can be installed in layers as thin as ¼” and will adhere to the height offsets. Top Patch can be installed on a slope to eliminate the ¾” (maximum height offsets existing conditions) -or- (1/2” maximum height offsets for new construction). Plus any divots, etc that may cause tripping. Top Patch repairs will quickly and easily eliminate the potential trip hazards.

21. Are there repairs that Top Patch is uniquely able to do vs HMA?

- o Yes! Top Patch will eliminate the expense normally associated with parking lot raveled pavement due to vehicles dripping motor oil & antifreeze onto asphalt. Top Patch can make shopping center parking spot repairs –normally these raveled parking spots have to be sub-contracted with asphalt paving contractors who cut out the damaged area (about 5’ x 5’), remove damaged asphalt, send to a recycling center, prep, spray binder, new HMA, roller or

vibratory plate tamper, seam sealer. Typically, about \$350 to \$600 per parking spot. With Top Patch solution: simply install Top Patch over the damaged area. Top Patch will adhere to the raveled, damaged, asphalt! Trowel, DONE. Top Patch repairs typically cost \$200 to \$300 per spot. Saving \$150 to \$200 per parking spot! Plus the Top Patch repair will be more oil/antifreeze resistant.

- o The Top Patch repaired parking spots may be seal coated in 2 hours – never need to come back a second day to seal coat.
- o Delaminations (shallow potholes) Top Patch's unique adhesion will quickly & easily repair delaminations for a small fraction of the cost of HMA cut out, removals, prep, binder, HMA, roller, seam seal. Delaminations are one of the starting points for future potholes.
- o Alligator pavement – Top Patches high adhesion and quick cure will create a unique bond and stop alligator pavement from becoming a large pothole.
- o ADA height offsets, or any repair in concrete or asphalt that is ¼" or higher – Top Patch can be applied to almost any material as a layer to equalize the height differentials – such as sidewalks that one slab has risen or one slab has sunken.

22. Can I use an asphalt rake or Lutz type rake with Top Patch?

- o Yes particularly in larger installs and / or with a longer / wider blade to level material. However:
 1. You will use more Top Patch than hand installing with pool trowel, etc.
 2. You should still feather the edges into the solid surrounding pavement about 1-2"

23. What if I ran out of Top Patch and did not finish the project – do I have to remove and start over?

- o No – Top Patch can easily be installed in layers – either wet on wet or wet on dry. Top Patch actually adheres to itself stronger than any other material

24. What is the best method to clean tools?

- o Acetone: Wipe tools with Wypall® or similar heavy-duty paper towels soaked in acetone. For stronger cleaning, pour acetone into a pail with a lid and soak tools overnight.

25. What if Top Patch was installed too high or somewhere unintentionally?

- o Top Patch may be ground using an angle grinder with a diamond cup wheel. NOTE: Grinding Top Patch is like grinding asphalt or concrete – best to tarp off areas or masking tape areas not intended to have Top Patch.
- o Be certain to wear dust mask designed for concrete/asphalt grinding and safety glasses.

26. What type of gloves / PPE should I use?

- o Vinyl gloves for installing and cleaning with acetone, however, for just installing, Nitrile gloves work great – they just fall apart with acetone.
- o Long Pants – old – Top Patch will not wash out
- o Long sleeve shirts - short sleeve shirts are great if you are neat) Old – Top Patch will not wash out
- o Old shoes or boots

- o Safety glasses – tinted if working outside in the sun. We especially recommend safety glasses when cleaning with acetone
- o Suntan lotion for outside work on areas not covered in clothes
- o If grinding old asphalt or concrete or Top Patch – use a suitable mask designed for grinding asphalt/concrete.