

Divot Patch

Installation Guide

PRODUCT DESCRIPTION

DIVOT PATCH is a specially formulated blend of fast-setting, shrinkage compensated cements and polymer, designed to fill and smooth virtually all masonry surfaces. Use DIVOT PATCH to fill in surface defects such as spalls, gouges, cracks, dents, chips, scrapes, and honeycombs to true featheredge finish.

DIVOT PATCH eliminates the curing time associated with ordinary cement and latex patch systems. Less downtime saves money while still allowing for last minute repairs before subsequent coating applications. It contains no course filler or sand, allowing it to be applied at true feather-edge thickness by steel trowel or putty knife to any prepared surface. Just add water mix reduces on-site errors and it compatible with most sealers and cementitious toppings.

RECOMMENDED COVERAGE RATES

available in 5lb bags	Thickness 5lb bag
	1/8 " 5 SF/ Bag
	1/4 " 2.SF/ Bag

Coverage rates vary based on thickness of repairs.

Product is usually applied between 1/4" to a feather finish, anything larger use the Epoxy Crack Weld to fill.

SUBSTRATE REQUIREMENTS

Concrete

Locate all divots and cracks to be treated and mark with chalk, if necessary, prior to proceeding. Using a 1/4" - 3/8" V-Shaped crack chaser, grind open the cracks. Remove all loose debris, dust, contamination, and bond-breaking material by vacuuming, pressure washing, and/or blowing with compressed air.

Crack must be free of standing water and visual moisture before proceeding further.

Remove all dust and debris in Divot with a Wire Brush.

It is better to grind the entire floor first prior to filling these areas as this will expose even more Divots and Crack.

ADVICE BEFORE INSTALLATION

This is a Just Add Water Mix. Be sure to mix thoroughly before the application. Cure times will be affected by environmental conditions so do not force dry.

High Humidity/Heat and or Low Temperatures can affect the dry times.

Large masses of mixed or heated material will have shorter pot life so if you are not familiar with the product do not mix more than the recommended portions. A little bit goes a long way.

The more you mix the shorter the pot life and working time will be.

Divot Patch

Installation Guide

Hot Weather Tips

These Products have a shorter pot life in very hot conditions. Do not use warm or hot water when mixing. Only cold room temperature water. Mix in a Red Drywall Mud Tray for convenience and they are also easier to clean out. Use the appropriate Putty and Spatulates.

Cold Weather Tips

All Cement Materials are temperature sensitive. The colder the temperature the longer the dry and cure times will be

****Working time of material is 10 minutes at 70 °F.****

INSTALLATION STEPS

1. Mixing

- 5lb (2.26kg) of Divot Patch powder with 4/5 quart (3/4 liter) of water.
- Use a Jiffy Type Mixer to a even lump free thick putty consistency.
- Smaller batches can be mixed in the same manner using approximately 3 parts by volume DIVOT PATCH powder with 1 part by volume of water.
- Add the Divot Patch to the water not reversed.
- Do not overwater! Do not retemper set material with water!

*****Tip: If additional working time is needed, use chilled mixing water.*****

2. Preparation

- Supply auxiliary ventilation as necessary to produce a safe working environment.
- Use a NIOSH approved respirator capable of filtering organic vapors and fine dust particles.
- Always wear the appropriate Personal Protective Equipment (PPE).

3. Application

- Using a steel trowel or putty knife press mixed material into defective area.
- Use a straight Bladed knife to past back over the filler to smooth it out after 2-3 Minutes.
- Go back and scrape off excess material and allow it to dry.
- If small touch-up is needed, material can be rubbed with a damp sponge after it has taken an initial set, or scraped and sanded after hardening.

Divot Patch

Installation Guide

- Sand or Grind the material after it has set.
- Apply more material if there are any low areas to be refilled.
- DIVOT PATCH can be coated with water-based sealers and epoxy primers once it has hardened.
- It is advisable to prime the divot patch prior to applying a lighter than “broadcast to rejection” of flake or when applying a semi translucent material over it like Mica Flake or Color Quartz.
- The purpose of priming the Divot Patch is to prevent the subsequent coat from soaking in which could cause a color change in the final finish due to it soaking into the Divot Patch more than the surrounding areas.
- Good primer/sealers to use range from 4001 epoxy, 5205 Hybrid for fast drying primers or 4195 and 4150 Direct to Concrete Epoxy.
- When dry make sure the primer is lightly sanded with a 120 or higher sandpaper or screen before proceeding with the next coat.

***** After sanding or grinding more patching maybe required to fill some lower areas. Repeat The process until cracks/divot are completely filled. *****

4. Clean-Up

- Clean up tools and splatter with Water. Clean hands and exposed skin with a citrus-based hand cleaner.

Cure Times

- 4905 Reg
- Cure to a dry to touch state in 4-8 Hrs.
- Hardened state within 16-24 Hrs.
- Full cure in 5-7 days.

- 4905 5 min
- Cure to touch 15-20 Min.
- Harden in 30-60 Min.
- Full Cure in 1-2 Hrs.

ADDITIONAL CAUTIONS AND RECOMENDATIONS

- Do not force dry
- May need priming before coating over

Divot Patch

Installation Guide

- Coverage rates may vary.
- Always wear protective clothing and equipment as required by OSHA and as necessary.
- Read Material Safety Data Sheets before commencing work.
- Material is not intended for use in submerged water or constant moisture conditions
- Mask all areas that need protection
- Store material at 50-70°F to prevent shortened pot-life due to excessive heat
- These materials are intended for use in substrates and environments >45°F
- Have all personnel who come in contact with liquids read The Versatile EPOXY, URETHANE, AND POLYASPARTIC 2K SAFETY GUIDE and Material Safety Data Sheets before commencing work.

TECHNICAL SERVICES

- Technical services can be obtained by contacting Versatile directly at 714-829-2600.