

TrowelPave[®]

PLASTICOMPOSITE

PATCHING REPAIR SYSTEMS

TROWELPAVE



Pothole Repair • Sidewalk Repair • Access Ramps • Lifted Edges • Alligator Cracks

TrowelPave



- Pothole Repair
- Alligator Crack Overlay
- Access Ramps

TrowelPave Asphalt - Speed Set is a plastic composite, cold mix asphalt patching repair product. The patented technology is commonly used for parking lot and street repairs that require limited downtime for vehicle traffic. TrowelPave Asphalt contains a mix of fine gradation aggregate ideal for repairing alligator cracks, building free-form access ramps, and filling shallow depressions. The blended patching material cures up to 3 times stronger than traditional hot mix asphalt (HMA) and up to 9 times stronger than cold patch, yet it maintains flexibility to withstand shifting and resists flow.



ASPHALT

Trip Hazard Concrete Repair



After

- Sidewalk Repair
- Lifted Edge Transitions
- Access Ramps



TrowelPave Concrete - Speed Set contains an ultra-fine aggregate mix suited for variable depth, feather edge repairs like sidewalk trip hazards, expansion joints, and cracks. It is a plastic composite, cold mix concrete patching repair product. The patented application process is commonly used for sidewalk, parking lot, and street repairs that require limited downtime for pedestrian and vehicle traffic. The blended patching material cures as strong as residential concrete yet it maintains flexibility to withstand surface material and subbase shift without cracking.

CONCRETE

TOP COAT • TACK COAT



Top Coat Tack Coat is a life cycle maintenance product used on TrowelPave Concrete and Asphalt repairs. The dual purpose coating dramatically increases adhesion to the repair surface and significantly reduces abrasion of the plasticomposite patching material when used as a top coat for maintenance. Top Coat Tack Coat- Concrete is recommended for use on city sidewalk repairs and any municipal or commercial project with high volume pedestrian, bicycle, or vehicle traffic. Note- Asphalt is Tack Coat only.

TOP 5 TIPS



INSTALL INSTRUCTIONS



• This product contains isocyanate, and although rare, may produce an allergic reaction in some people. Persons allergic to isocyanate, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanate. When working with this product, always use personal protective equipment (PPE) such as safety glasses, face shield, impenetrable gloves, long sleeves and pants, and closed toe shoes or boots (avoid direct contact to skin).

• TrowelPave Top Coat Tack Coat should be installed within an ambient and surface temperature range of 55° - 90° F. Avoid rain or wet conditions during application and curing. Do not overapply.

• TrowelPave Top Coat Tack Coat is specifically designed to increase adhesion to existing material and to TrowelPave surface abrasion.

• Apply maintenance coat as needed.

• TrowelPave Top Coat Tack Coat should only be used in association with TrowelPave repairs.

COVERAGE RATES:

TACK COAT:
1-2 FL OZ / FT²

TOP COAT:
2-3 FL OZ / FT²

TACK COAT



1. Remove existing dirt, dust, and debris using a wire brush and leaf blower.



2. Use a small high density foam roller to apply a light coat over the repair area.

TOP COAT



1. Remove existing dirt, dust, and debris using a broom or leaf blower.



2. Use a small bistle paint brush or high density foam roller to apply an even coat over the TrowelPave surface.

TrowelPave[®]

TrowelPave Heavy Traffic Concrete is a high compressive strength plasticomposite concrete patch designed for freeway, airport runway, and military road repairs. At well over 6000 PSI compressive strength once cured, the patching material also remains flexible and resistant to cracking. It can be used for transitions, ramps, lifted edges and sidewalk repair where strength and durability is a must. Fast setting TrowelPave Heavy Traffic patch reduces downtime after repairs to keep vehicle and equipment traffic moving safely.

- Concrete Repair
- Warehouse Ramps
- Supports Heavy Traffic



**HEAVY TRAFFIC
CONCRETE**

5-year POTHOLE PATCH

- Pothole Repair
- Runways
- Bridge Decks



ASPHALT & CONCRETE



5-Year Pothole Patch is the strongest pothole patch in the world! The fast setting plasticomposite patching material meets the most stringent demands for repairing vertical wall potholes in high volume traffic areas such as freeways, airport runways, bridges, and military equipment roads. With required mechanical compaction, 5-Year Pothole Patch cures to a compressive strength value up to 6500 PSI. Highways, streets, and parking lots can be opened for use immediately after compaction, making it a fast and strong asphalt or concrete repair solution. Available in Runway Grade Asphalt and Highway Grade Concrete.

5-year

RUNWAY & HIGHWAY GRADE

POTHOLE PATCH

CRACK ATTACK

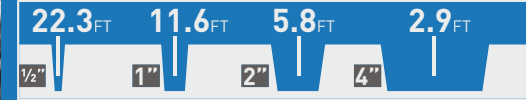


Crack Attack - Wide Crack Filler uses a fine aggregate blend designed to provide superior strength in compact asphalt repair areas from 1/2" up to 4" wide. Crack Attack succeeds where common liquid crack fillers fail by providing superior compressive strength in variable sized repair patches. The plasticomposite patching material is ideally used on asphalt driveways, parking lots, and roads. Slurry coat can be applied directly over Crack Attack repairs for same day asphalt maintenance.

COVERAGE: 20LB BUCKET KIT

VOLUME: 279IN³ | 0.16FT³ | 4573CM³

LINEAR FEET AT 2" DEPTH:



TOP 5 TIPS



• Always wear personal protective equipment (PPE) when mixing and installing Crack Attack including safety glasses, long sleeve shirt, long pants, and a breather mask for prolonged exposure. Avoid skin contact with liquid binding agent. Do not inhale aggregate dust.

• For optimal results, Crack Attack should be installed in a 50° - 90° F temperature range. Avoid heavy rains, freezing conditions, or extreme heat as it can impede the mixing process and affect the curing phase of blended Crack Attack material.

• Each individual Crack Attack batch should be installed no later than 10 minutes after mixing. Initial set will typically occur within 1 hour, at which time the repair area can be opened for use. Initial set is the stage at which the blended material bonds at the surface level allowing minimal abrasion. Allow 24 - 72 hours for complete cure.

• For best results, use the edge of a trowel or a slicker jointer to work product deep into crack.

• To aid finishing and compacting of Crack Attack blended material, apply PAM® aerosol cooking spray to tools and equipment such as trowels and plate compactors. Use WD-40® and a rag to clean tools and equipment immediately after use.

• For asphalt cracks 1/2" to 4" wide

INSTALL INSTRUCTIONS



1.

CLEAN:

Clean repair area thoroughly with a wire brush and remove any loose dust and debris with a leaf blower.



2.

MIX:

Mix product and pour blended Crack Attack material into repair area.



3.

APPLY:

Using a standard concrete trowel, or slicker jointer, smooth material to desired grade and aesthetic. Compact by hand.

ReThink INSTALL INSTRUCTIONS



TOP 5 TIPS



1.

CLEAN: Scrub surface with soft-bristle push-broom or brush. Mix product before application.



2.

APPLY: Pour out product at recommended application rate. Distribute ReThink with a squeegee

1. Always wear personal protective equipment (PPE) when installing ReThink including safety glasses, long sleeve shirt, long pants, and a breather mask for prolonged exposure. Avoid prolonged skin contact.

2. For optimal results, ReThink should be installed in a 50° - 90° F temperature range. Avoid heavy rains, freezing conditions, or extreme heat as it can impede the curing process and affect the durability of the final coating.

3. Keep off until product cures. For foot traffic, allow 2-4 hours after application. For vehicle traffic, allow 24-48 hours. Temperature, wind, sunlight, applied thickness, and humidity affect dry time

4. ReThink can be used as a seal coating for Crack Attack, TrowelPave Asphalt, and 5-Year Pothole Patch, or as a maintenance coat to prevent abrasion and increase surface aesthetic.

5. Use safety cones, tape, or barricades to prevent vehicular traffic while product cures. Work from high elevation to low to aid in product application. Avoid painting yourself into a corner.

Surface:	Application rate:
Smooth:	80 ft ² /gal
Rough:	60 ft ² /gal
Extreme Rough:	40 ft ² /gal

ReThink Asphalt Protectant is an ultra low VOC, polymer modified asphalt pavement coating. The sealant is easily applied to clean blacktop pavement with a squeegee. ReThink is designed to reduce surface wear and degradation from vehicle traffic and inclement weather. It can be used as a seal coating for Crack Attack, TrowelPave Asphalt, and 5-Year Pothole Patch. ReThink Asphalt Protectant leaves any asphalt pavement surface looking brand new with a durable and consistent black color coating.

- Rejuvenate
- Restore
- Reseal

ReThink



DEWALT®

TrowelPave® MIXING KIT



20v BLOWER
TP-DCE100B

20v ANGLE GRINDER
TP-DCG413B

20v HAMMER DRILL
TP-DCD996B

POWER STATION
TP-DCB1800B

20v MAX XR BATTERY
TP-DCB205

FAST CHARGER
TP-DCB118



MIXING BUCKET
TP-MB



MIXING WAND
TP-MW

BUCKET LID
TP-MBL

BUCKET GRIP
TP-MBG

- Mixing Wand
- Heavy Duty Mixing Bucket
- Bucket Grip



SEAL COAT SQUEEGEE
TP-GG844RE-6

PLASTIC LID CLAW
TP-DW110

8"x8" HAND TAMPER
TP-CC925

12"x4" CEMENT TROWEL
TP-CF730BPF

SLICKER JOINTER
TP-RO5211-1/2X5/8

SQUEEGEE REFILL
TP-GG844RE-01

WIRE BRUSH & SCRAPER
TP-BL466

KNEE BOARD
TP-WL069

12"x4" POOL TROWEL
TP-CF275BPF

PLASTICOMPOSITE

PATCHING REPAIR SYSTEMS

ACCESSORIES

WHISK BROOM
TP-WB

WD-40 1 GALLON
TP-WD-40-1G

WHIZZ ROLLER KIT
TP-WRS-2

HUDSON 1G PUMP SPRAYER
TP-60161

WEILER WIRE WHEEL
TP-DCG413B-WW

WD-40 12oz
TP-WD-40-12OZ

ROLLER REPLACEMENTS
TP-WRS-R-2PK

PAM 8oz
TP-PAM-8OZ

WHY COLD PATCH FAILS

ASPHALT FLOW



Traditional cold patch asphalt pothole repairs rarely finish level creating a hump or a swale.



Repeated impact from car and truck tires creates flow, effectively pushing the material out of the pothole.



This results in continual blunt force damage to the pavement edges of the original pothole.



The blacktop pavement suffers consistent, incremental damage that requires constant maintenance.

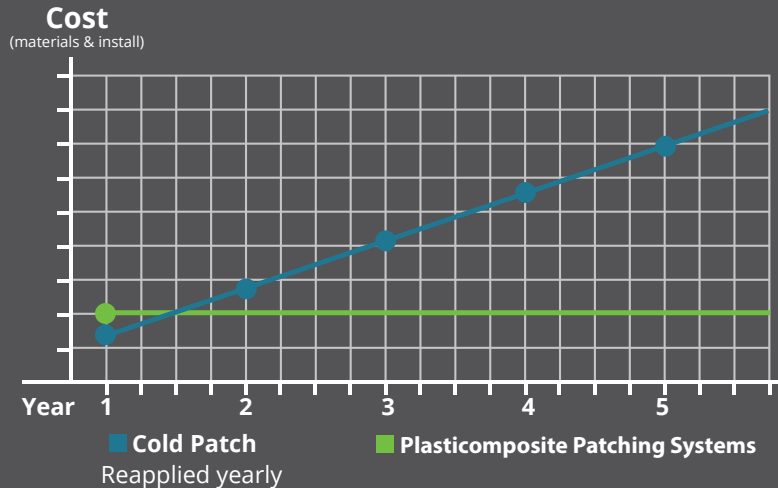
The Plasticomposite Difference

Plasticomposite Patches finish level with basic tools, a feature known as **Precision Grade Control**. A level pothole patch repair reduces wear and tear to vehicles passing over and minimalizes future damage to the surrounding pavement.

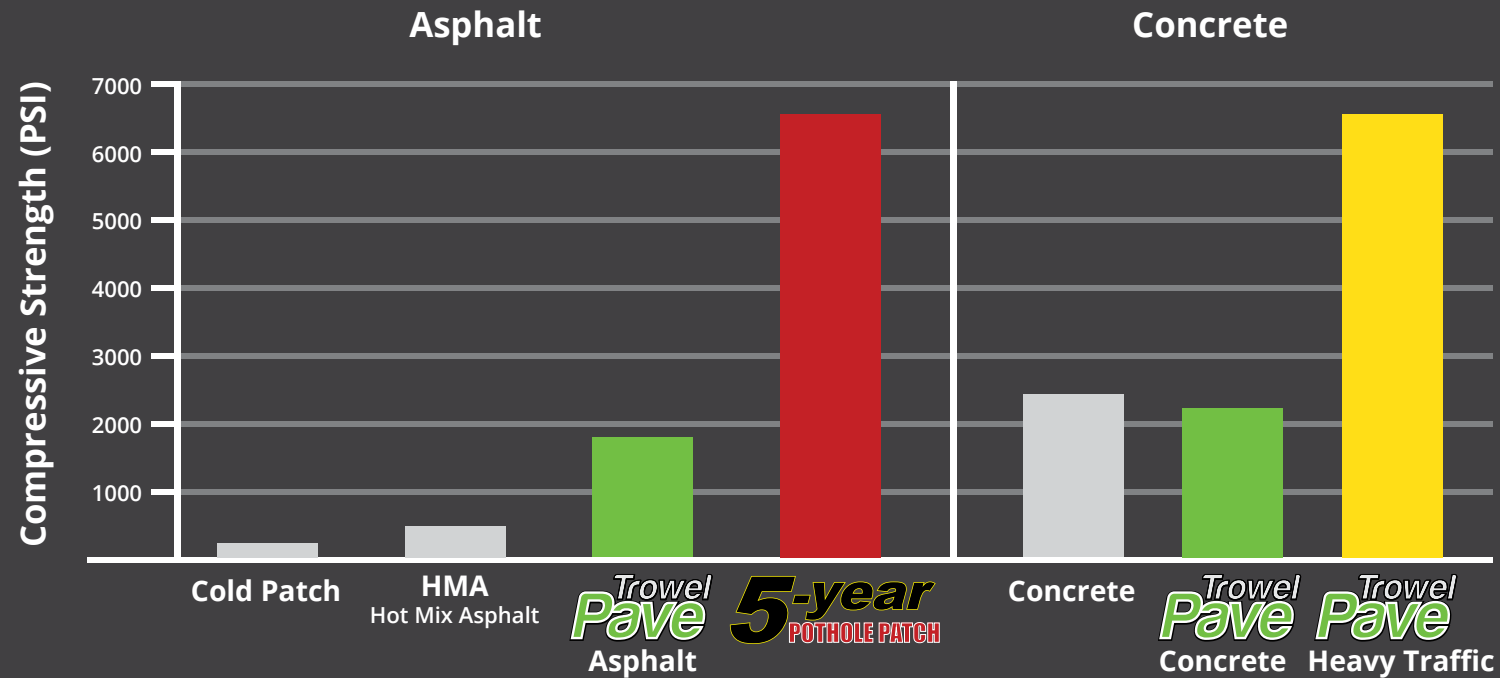
Plasticomposite Patches are up to 7 times stronger than traditional hot mix asphalt (HMA) providing unparalleled strength at the weak points such as potholes and alligator cracks.



92% REDUCTION IN LIFE-CYCLE COST



STRENGTH IN NUMBERS



25

MIXING INSTRUCTIONS

45

TOP 5 TIPS

INSTALL INSTRUCTIONS

Trowel Pave



1.



Pour liquid binding agent into a cone shaped divot.

1.



Transfer approximately half of aggregate into separate container.

Do not attempt mixing more than half initially.

2.



Pour approximately half of liquid binding agent into a cone shaped divot.

3.



Mix thoroughly with TrowelPave Mixing Wand, slowly at first and progressively faster, until color is consistent.

2.



Mix thoroughly with TrowelPave Mixing Wand, slowly at first and progressively faster, until color is consistent.

4.



Add remaining aggregate into bucket on top of blended material.

5.



Pour remaining liquid binding agent into a cone shaped divot.

6.



Mix thoroughly with TrowelPave Mixing Wand until color is consistent.

1. Always wear personal protective equipment (PPE) when mixing and installing TrowelPave including safety glasses, long sleeve shirt, long pants, and a breather mask for prolonged exposure. Avoid skin contact with liquid binding agent. Do not inhale aggregate dust.

2. For optimal results, TrowelPave Speed Set should be installed in a 50° - 90° F temperature range. Avoid heavy rains, freezing conditions, or extreme heat as it can impede the mixing process and affect the curing phase of blended TrowelPave material.

3. Each individual TrowelPave Speed Set batch should be installed no later than **10 minutes after mixing**. Initial set will typically occur within 1 hour, at which time the repair area can be opened for use. Initial set is the stage at which the blended material bonds at the surface level allowing minimal abrasion. Allow 24 - 72 hours for complete cure.

4. To aid finishing and compacting of TrowelPave blended material, apply PAM® aerosol cooking spray to tools and equipment such as trowels and plate compactors. Use WD-40® and a rag to clean tools and equipment immediately after use.

5. To reduce the non-operating time of an asphalt repair, increase the compaction value by using a vibratory plate compactor or roller. Speed Set asphalt repairs are typically weatherproof after reaching a mechanical compaction value of 95% or greater. Do not use mechanical compaction for TrowelPave Concrete material as it can cause separation. Instead, use a hand tamp and trowel to compact.



1.

Clean repair area thoroughly and remove any loose dust and debris.



2.

Mix product and pour blended TrowelPave material into or over repair area.



3.

Using a standard concrete trowel, smooth material to desired grade and aesthetic. To minimize abrasion, hem or roll the edges.



4.

Use a vibratory plate compactor (asphalt) or hand tamp (concrete) to compact repair area. Brush away loose material with a whisk broom.

TOP 5 TIPS

INSTALL INSTRUCTIONS

5-year
POTHOLE PATCH



1. Always wear personal protective equipment (PPE) when mixing and installing 5-Year Pothole Patch including safety glasses, long sleeve shirt, long pants, and a breather mask for prolonged exposure. Avoid skin contact with liquid binding agent. Do not inhale aggregate dust.

2. For optimal results, 5-Year Pothole Patch should be installed in a 50° - 90° F temperature range. Avoid heavy rains, freezing conditions, or extreme heat as it can impede the mixing process and affect the curing phase of blended 5-Year Pothole Patch material.

3. 5-Year Pothole Patch is designed specifically for vertical wall asphalt or concrete pothole repairs on airport runways, military grade roads, and heavy traffic areas. Use a concrete saw or digging bar to create a vertical walled repair area prior to installation. When used for this application and mechanically compacted to 95% or greater, roads can be opened up for use immediately.

4. Each individual 5-Year Pothole Patch batch should be installed no later than 10 minutes after mixing. Initial set will typically occur within 1 hour, at which time the repair area can be opened for use. Initial set is the stage at which the blended material bonds at the surface level allowing minimal abrasion. Allow 24 - 72 hours for complete cure.

5. To aid finishing and compacting of 5-Year Pothole patch blended material, apply PAM® aerosol cooking spray to tools and equipment such as trowels, tamps, and plate compactors. Use WD-40® and a rag to clean tools and equipment immediately after use.



1.

Dig out or sawcut pothole to create a vertical wall.



2.

Clean repair area thoroughly and remove any loose dust and debris.



3.

Mix product and pour blended TrowelPave material into or over repair area.



4.

Using a standard concrete trowel, smooth material to desired grade and aesthetic. Trowel 3/4" above desired finish grade.



5.

Use a vibratory plate compactor (asphalt) or hand tamp (concrete) to compact repair area.

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PLASTICOMPOSITE

PATCHING REPAIR SYSTEMS



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