

Angela's PAVING INC.

FOUR GENERATIONS OF PAVING

**The Facts
About Your
NEW
Driveway**

732-741-8965

www.angelospaving.com

Thank You!



Dear Customer

Congratulations on your new driveway. We are happy that you chose Angelo's Paving Inc. as your new driveway contractor. Hopefully this manual will answer all of your questions for you to enjoy your new driveway for many years to come.

The Ciaglia Family

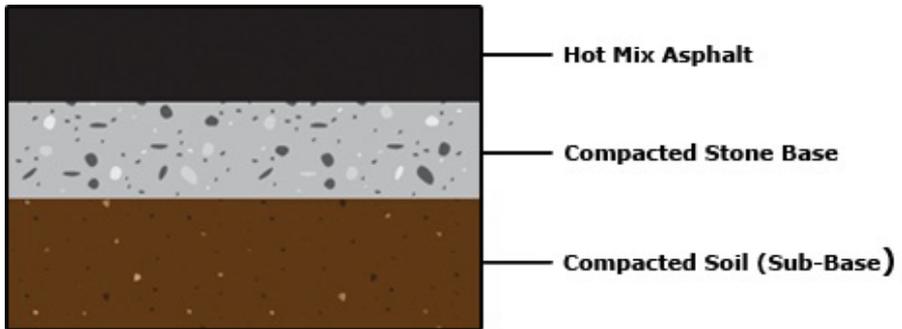


Since your driveway needs time to harden and cure, we recommend that you keep off your driveway for a minimum of 3 days. If you prefer to stay off longer, you can. You may walk on it tonight, but keep all automobiles off for at least 3 days.

Remember that it takes asphalt one year to fully cure and get hard. Since the driveway is black, and when the temperature rises and gets hot, it will attract the sun. The sun will raise the temperature of the asphalt and the asphalt will eventually soften and be acceptable to tire markings. Asphalt is not as hard as concrete, so please be careful when it is hot out.

How Is An Asphalt (Blacktop) Driveway Constructed?

An asphalt driveway consists of a compacted subsoil base, an approximate 4" layer of stone, and approximately 2" of hot asphalt mix (FABC Type I-5) or blacktop after compaction.



What Is Asphalt (Blacktop) Made Of?

Asphalt hot mix, commonly referred to as blacktop, consist's of an asphalt binder mix with specifically graded sand and stone. The asphalt binder is a tar like residue that is a by product of the oil refining process. The asphalt binder is heated to over 350 degrees fahrenheit and hten mixed with the sand and stone to produce the hot mix. The hot mix is then laid, compacted, and allowed to cool resulting in a blacktop surface suitable for traffic.



Your driveway may look smoother in some areas, but not in others. Also you may see more stones in some areas than others. This is normal. Asphalt is made up of various sizes of stone and sand with liquid asphalt. When asphalt is applied with a machine, that area will look very smooth. Where the asphalt has to be spread by hand and raked out you will see more stones and it may also look rougher than other parts of your driveway. This is due to hand raking the material to level it up. When hand raking the material the stones are more likely to come to the surface. This is normal in blacktop, it does not mean that the asphalt was not mixed properly or that there is something wrong with the material. It is just different texture than the area where the machine has applied the material.



Excessive Weight

Excessive weight from large vehicles can damage your driveway. Keep all heavy trucks in the street. If they must use the driveway, they must put 3/4" plywood under all of the vehicles tires to disburse the weight over a greater area. There is no guarantee that the driveway will withstand the weight of the vehicles. These vehicles still may leave marks or depressions in your driveway, even if you use plywood.



Water Puddles

Every effort is made to avoid water puddles on your driveway. Some small ones are inevitable. This depends on the natural slope and drainage of your driveway. A puddle is considered when the water covers two nickles stacked up on each other.

TIRE MARKINGS!

Do not turn the steering wheel of your car while it is stopped! doing this will cause scuff marks in the surface of the asphalt and possibly some pebbling. Power steering marks do not cause any real damage other than to the appearance. So should this happen try not to be overly upset. Since there is no way to fix these scuff marks, and there is nothing that I can do to prevent this from happening your driveway warranty does not include power steering marks. Again, do not turn the steering wheel unless your car is moving. Also, the marks should fade a little and become less noticeable as your driveway ages. If the marks continue to bother you, the only thing that might help would be to seal your driveway.

I also want to make you aware that the macadam (blacktop) can soften when the temperature climbs. A little caution during hot spells will prevent any serious problems. To avoid this you must keep the car in motion while turning the wheel. Please read pages 12 & 13.

**DO NOT TURN THE STEERING
WHEEL OF YOUR CAR WHEN THE
CAR IS NOT IN MOTION OR YOU
WILL GET TIRE MARKS!**



Avoid using car jacks, jack stands, ladders or trailer jacks on your new driveway. If you must use them, put a piece of plywood no smaller than 12" x 12" under each point of contact with the driveway to distribute the weight over a greater area. If this is not done you will put an indentation in your driveway. For example, if you use a ladder to paint the house there is only four small contact points with the driveway approximately four 1" x 1" sections with 200 lbs. of weight. Each leg will carry approx 50 lbs. of steady pressure per square inch. If you put a piece of plywood approx 12" x 12" under each leg, then each leg will be only carrying approx 3 lbs. of pressure per square inch.



Bicycle, Motorcycle, and Jack Stands

If you must park your trailer or camper on your driveway, please remember to put 3/4" plywood under the wheels and jack stands while your trailer or camper is stationary in your driveway. This is not a guarantee that the asphalt will not start to depress and leave small depressions. This will disburse the weight over a greater area to decrease the chance of this happening.

Also, bicycle and motorcycle kick stands will leave small holes in your new asphalt driveway. Please, never leave your bicycle or motorcycle on it's kickstand in your driveway without first putting a piece of 3/4" plywood under the kickstand. All the weight of the bicycle or motorcycle is on that small section of the kickstand and it will sink into the asphalt.



Driveway Sealer

To preserve your new driveway Angelo's paving recommends that you seal your new driveway after it has been paved with a water based material, NOT OIL BASED. The best time to seal your driveway is after (30) days from the completion of your driveway and every 1 to 2 years after that. Driveway sealer protects your driveway against the elements like rain, snow, ice, harmful UV rays, gasoline and oil that drips from cars, trucks, or lawn mowers. Gasoline and oil will break down the asphalt in your driveway and soften it up to the point of getting loose stones starting to pop up. That is the start of potholes. Sealer also keeps the driveway looking new and clean. we also recommend that the sealer is applied with hand brooms, NOT SPRAYED ON.

Commonly Asked Questions

How long will my driveway last?

Driveways are like cars in that due to the multiple factors affecting their longevity it's hard to predict how long one will last. For the most part, you can expect 12 to 15 years life expectancy on a new driveway. Seal coating every few years will help to extend the life of your driveway.

Why is my blacktop scuffing (power steering marks) when I turn my power steering?

Power steering scuff marks is the number one problem in the Northeast United States. The asphalt binder (black tar) used to make the asphalt is only so flexible as far as temperature change (i.e. high temperature to low temperature). Because of the extreme cold and possibility of low, frigid temperatures in the winter we must use an asphalt binder that can withstand below zero temperatures without cracking and becoming brittle. Therefore, it can only expand to withstand a high end temperature of about 130 degrees before it starts to become soft or pliable. When the sun heats up your pavement on an 80 plus degree day, the surface temperature of your driveway can reach 130 degrees plus, making it more susceptible to scuff marks.

How can I prevent scuff marks(power steering marks) from occurring?

Never sit still and turn your power steering. Try to remember to turn your steering while your car is moving and that should prevent a scuff from occurring.

What should I do if I do get a power steering scuff?

Really, I have never seen a power steering scuff ever damage a driveway to early failure.

The scuff marks are unsightly and look worse than they actually are. However, if you do experience a bad one, you can take an 8" x 8" flat hand tamper and tamp the scuffed area. This method should be utilized on a hot day when the asphalt is most pliable.

If I seal my driveway, will that help prevent power steering scuff marks?

Unfortunately, no.

What is the maintenance on my new driveway?

Personally, I recommend sealing your driveway in a minimum 30 days after your driveway has been installed.

The following year, apply another coat of sealer. Then, it should be sealed every other year. If it still looks good, you could wait two years between coatings. Call our office for more details at 732-741-8965.

How long should I stay off my new driveway?

Three days minimum is the standard time, however, you can stay off longer if the daytime temperature is high (say above 80 degrees).

Will rain affect my driveway right after it has been completed?

No, water will not affect the driveway.

How often should I seal my driveway?

We recommend you seal your driveway 30 days after installation and again the following year. From that point, it should be once every two years.

Why should I seal my driveway?

Seal coat is a protective measure you can do to increase the longevity of your driveway. The average life of an asphalt driveway is 15 years without sealing. With seal coating regularly every 2 years, you can almost double the life of the driveway.

Can I park a trailer or use a jack on my new driveway?

If you have to park your trailer or use a jack, use a piece of plywood to help distribute the weight evenly. If not, it may cause unwanted divots and low spots.

Why do I have cracks on the edges of my drive?

The weakest part of your asphalt driveway is the edge if not supported. If not backfilled properly, the edges are expected to crack and break away. So please back fill where needed.

Can I cut my lawn after you pave my driveway?

Yes, you can cut your lawn after the driveway has been paved. The grass clippings will not stick or affect your driveway. BUT, please refrain your landscaper from driving on your driveway and / or turning on the new asphalt with his lawn mower. That will leave scuff marks or tire marks. If this happens there is nothing that we can do to repair this. SEE PAGE #8,12 &13.

Do I have to water down my new driveway?

No, you do not have to water down your new driveway. Just enjoy it!

Do I have a guarantee on my new driveway?

Yes, you have a (1) year guarantee on all paid in full invoices on your new driveway, except for the following items that are listed below.

ANGELO'S PAVING guarantees all work for (J) one year on all paid in full invoices, except for the following items listed below.

ANGELO'S PAVING DOES NOT GUARANTEE:

1. **AGAINST TIRE MARKS**
2. AGAINST VEGETATION GROWING THROUGH ASPHALT
(GRASS, TREE ROOTS, DANDELIONS ETC.)
3. AGAINST SPIKE HEEL MARKS (KICK STANDS, CAR JACKS, LADDER MARKS, ETC.)
4. AGAINST CRACKING IF APPLIED OVER CONCRETE.
5. WATER TO FLOW IF PITCH IS LESS THAN (J) INCH PER (10) FEET.
6. AGAINST TO UNDERGROUND UTILITIES SUCH AS GAS LINES, ELECTRIC WIRES, WATER LINES, SEWER LINES OR CLEAN OUTS. OIL FILL PIPES, AND UNDERGROUND SPRINKLER HEADS OR LINES UNLESS SPECIFICALLY NOTED BY THE OWNER.
7. AGAINST ANY DAMAGE TO OUTSIDE DRIVEWAY LINE OR BORDER
(OWNER AGREES TO DO ANY BACKFILLING OF DIRT AROUND THE OUTER BORDER OF THE DRIVEWAY.
8. SEAMS IF ASPHALT IS PUT IN SEPARATELY FROM EXISTING DRIVEWAY.
9. AGAINST ANY DAMAGE TO SEPTIC TANKS IF NOT SPECIFIED ON REVERSE SIDE.
10. ANY DAMAGE TO EXISTING DRIVEWAY IF ONLY AN ADDITION IS PUT ON DRIVEWAY.
11. AGAINST DAMAGE TO TREES/SHRUBS IF ROOTS ARE CUT
12. AGAINST DAMAGE TO ANY TREES, SHRUBS OR ANY VEGETATION THAT PROTRUDES OVER THE EDGE OF THE AREA TO BE PAVED OR WORK THAT IS TO BE PERFORMED
13. NOT RESPONSIBLE FOR DAMAGE TO BLACKTOP EDGES

PLEASE NOTE:

- A. CUSTOMER IS TO OBTAIN ALL PERMITS AND INSPECTION.
- B . WHEN BLACKTOP IS REMOVED AND IS THICKER THAN (6) INCHES, THERE WILL BE AN ADDITIONAL CHARGE.
- C. SAME PERTAINS TO CONCRETE.
- D. OWNER TO CUT & REMOVE ANY LOW TREE LIMBS, BUSHES OR SHRUBS PROTRUDING OVER OR ON AREAS TO BE PAVED
- E. ANGELO'S PAVING INC., WILL MAKE EVERY EFFORT TO INSURE PROPER WATER RUNOFF, BUT WILL NOT BE RESPONSIBLE FOR STANDING WATER LESS THAN TWO (2) NICKEL COINS DEEP STACKED FLAT UPON EACH OTHER
- F. ANGELO'S PAVING INC., IN KEEPING WITH ITS ONE (1) YEAR GUARANTEE, IN AN EFFORT TO CORRECT ANY PROBLEMS THAT EXIST, ANGELO'S PAVING INC. SHALL HAVE THE RIGHT TO PATCH AND / OR REPAIR BY ANY MEANS ,ANY AREAS WHERE PROBLEMS EXISTS
- G. **NOT RESPONSIBLE .FOR DAMAGE DONE TO ANY CONCRETE Driveway APRON, CURB AND / OR SIDEWALK •