

QuartzKote BROCHURE

*THE FUTURE OF FLOORING
(LIQUID TILING)*

Kote[®]

Working for our customers success!

QuartzKote

THE FUTURE OF FLOORING

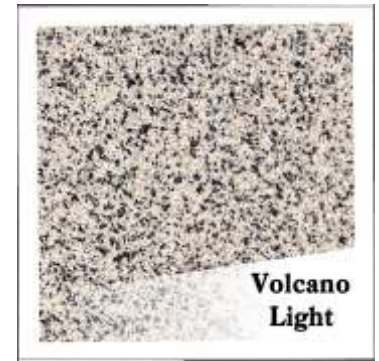
QuartzKote has been formulated to be an all-in-one bucket system. Where you simply purchase a bucket that has the binder and aggregate premixed and ready for pouring out onto your prepared surface and troweling it down flat.

QuartzKote can come in an array of neutral shades as shown in the pictures to the right. We have gone for these shades of aggregate in order to cater to the 'natural' look most people want for their outdoor areas.

This doesn't mean we can't cater to other shades, we have the capability to mix and match aggregate to match lighter or darker shades.

We can even tint the binder to make one solid colour if that is what you wish.

The beauty of this product is that you don't have to use it solely for indoor purposes, like on a counter top with a lovely glazed sealer on top to provide protection and a high gloss finish or simply as a stunning finish on a bathroom or shower floor providing safe non slip texture yet sufficiently comfortable under bare feet... But of course you can also use it, with the right surface prep, in most outdoor floor and even wall applications.



QuartzKote

SOME POPULAR APPLICATIONS

1. DRIVEWAYS
2. GARDEN PATHS
3. BALCONIES
4. SHOWERS
5. BALUSTRADES
6. EXTERIOR WALLS
7. BATHROOM FLOORS
8. STAIRWAYS
9. KITCHEN AREAS
10. SWIMMING POOL SURROUNDS
11. PASSAGE WAYS
12. INTERIOR DECORATIVE WALLS



DRIVEWAYS



GARDEN PATHS



BALCONIES



SHOWERS



BALUSTRADES



EXTERIOR WALLS



BATHROOM FLOOR



STAIRWAYS



KITCHEN AREAS



SWIMMING POOL



PASSAGE WAYS



DECORATIVE WALLS

QuartzKote

THE BREAKDOWN OF QUARTZKOTE AND ITS PROTOCOLS



SPREADRATE/COVERAGE

QuartzKote is supplied by the square meter and is usually applied at 3mm thickness on a level surface to achieve that 1 square meter.

*If your surface is uneven or has valleys and peaks you will need more product to cover that same area



SELF CLEANING

QuartzKote can be overcoated with KlearKote as a top sealer if desired. It would provide a smoother easier to clean surface.



PROTOCOL

QuartzKote only needs one layer but it needs a good, solid, level surface to be applied to. (We talk about this in the next few pages)

Cleaning or degreasing the surface may be necessary depending on how old the substrate is and what has been absorbed into it.



THE TOOLS

QuartzKote is to be applied with a trowel and a bucket with a wet cloth to keep the trowel free of drying binder. If doing large areas then use a 3mm thick strip to act as a depth guide and/or use a straight edge to help create levels to smooth out with a trowel. Contact us for assistance.



PROPERTIES OF QUARTZKOTE

QuartzKote is a powerful, semi-thick, eco-friendly, UV Stable, VOC free, flexible and easy to apply premix that makes it the perfect coating for any outdoor or indoor area. It will NEVER change colour as epoxies tend to do!



CURING AND DRYING TIMES

When QuartzKote is applied it requires warmer sunny weather in order to dry and cure. Drying time differs depending on thickness but takes 7 full days to cure with no rain.

QuartzKote: KleenKote

SURFACE PREPARATION

Surface prep is essential for any product you wish to use, but what is even more important is to make sure you have actively gone over your substrate with a fine tooth comb to ensure that you have not overlooked any potential issues that could arise later on down the line
(See the next few pages to learn about what to look out for before, during and after application)

Using KleenKote is essential for cleaning a surface/substrate THOROUGHLY. That being said you need to use your own 'detective eye' and deduce if your surface needs more than just a simple cleaning. If your surface is flaky, powdery or crumbling then simply washing/degreasing it won't solve the issues. We will cover a couple ways to make sure you have covered some of your bases but it is up to you to use caution and discernment.

Cleaning Process: Using KleenKote

STEP 1: Take the KleenKote and apply to the surface like any other liquid soap. The product is quite potent so a little goes a long way.

Once you have poured a reasonable amount begin the scrubbing process with a stiff broom and make sure to completely clean every surface you intend to apply the premix onto.

STEP 2: With a high pressure hose wash away all the KleenKote. You will notice that it will create a fair amount of foam, so make sure you rinse your surface continuously till all the soap suds are gone and the water runs clear.

STEP 3: Allow the surface to completely dry in warm sunny weather before moving on to the next phase. You don't want any trapped moisture as this could be an issue with curing time. Water is the enemy!





QuartzKote: MortaKote

SURFACE PREPARATION

Following on from the previous page we will be looking at your surface if it is not completely level. Technically you can apply our QuartzKote premix onto an uneven surface but then you will not get the same spread rate as mentioned because the valley's will obviously take up more of the product, resulting in a smaller coverage area.

To resolve this we can suggest using our MortaKote to create a screed to apply to a surfaces that are pitted like concrete or even tiles and pavers if you are wanting to ensure a smooth, level surface prior to applying the premix.



Substrate Levels Process: Using MortaKote

The ingredients you'll need are as follows:

DRY ELEMENTS: Fine Clean Sand and Blue Cement

WET ELEMENTS: Clean Water and MortaKote

FORMULA: 2 parts fine clean sand to 1 part blue cement = DRY MIX

2 parts clean water to 1 part MortaKote = WET MIX

METHOD:

Mix 3 parts of the DRY MIX to 1 part of the WET MIX - this will give you a self leveling screed/slurry - Alternatively mix into any thickness by adding more dry to the wet. (as a plaster)

STEP 1: Take your freshly made MortaKote screed and apply it to the area you are going to apply the QuartzKote premix

STEP 2: Use a trowel/squeegee to level out the screed and then leave to dry/cure. This will take about 24hrs.

Now you can move onto the next phase!





QuartzKote: GripKote

SURFACE PREPARATION

Now that you have spent some time examining your surface, making sure it has been thoroughly cleaned you can make a judgement call on whether a primer coating is needed. This is not always necessary, which is why it is always best to talk to one of our Kote Team to ascertain if a primer coat is required for your application. It is better to double check than to take a chance and be sorry later on down the road.

Prep and Primer Process: Applying GripKote

Applying GripKote is pretty simple, all you need is a paintbrush/roller and to stir the contents of the bucket well before applying directly onto your clean substrate.

STEP 1: Take a paintbrush and spread a single coat of GripKote onto the area you have previously cleaned. You can be a little generous with the amount as you want to ensure you have enough primer for the pebble mix to adhere to.

STEP 2: Allow to dry for an hour (1hr) in good warm weather.



QuartzKote

OUR WARRANTY

We do not offer any guarantees for the product as it is in the hands of the customer to use the product as intended and to follow the instructions. Failure to follow the explicit advice of the team from Kote Products will end up with poor results.

Please Note: If using a contractor you can receive a guarantee from them for their craftsmanship.

TOOLS REQUIRED

A stainless steel trowel, a bucket with clean water and a rag to wipe the trowel with, a 3mm flat bar to help keep your levels smooth and precise (and as an optional tool for bigger areas - a straight edge)

INSTRUCTIONS

Step 1: Make sure the surface is properly cleaned and solid. The QuartzKote premix cannot be applied to an unstable surface. (See SURFACE PREP pages)

Step 2: Place the 3mm guage at the perimeter of your working area to ensure a consistent and even surface.

Step 3: Overturn the premix onto the prepared surface and spread evenly with a straight edge and begin troweling with firm downward pressure which will produce a smooth finish.

Step 5: Repeat the steps till the entire area is complete. Now you will need to leave it to cure for the next 7 days in warm weather and without any rain or water splashed on it. It can be walked on after one day of good hot weather.

PLEASE NOTE: Do not try to join the premix sections! If you cannot complete the area in the allotted time of the day then ensure you have preplanned where you are happy to see a join line in your QuartzKote stone mulch paving and work to that. Use an aluminium strip at each join.

QuartzKote Vertical: SticKote

OUR WARRANTY

We do not offer any guarantees for the product as it is in the hands of the customer to use the product as intended and to follow the instructions. Failure to follow the explicit advice of the team from Kote Products will end up with poor results.

Please Note: If using a contractor you can receive a guarantee from them for their craftsmanship.

TOOLS REQUIRED

A notched trowel, a stainless steel trowel, a bucket with clean water and a rag to wipe the trowel with every now and then, and a straight edge if needed to help keep your levels smooth and precise.

INSTRUCTIONS

Step 1: Make sure the surface is properly cleaned and solid. Nothing can stick to a wall with flaking screed or paint.

Step 2: Once the wall is prepared take a small amount of SticKote and apply it to the wall with the notched trowel. This will form the adhesive glue that will help the premix to stick to the substrate better.

Step 3: Once your surface has the SticKote applied you can use a scoop or the regular trowel itself and place some of the premix onto the bottom of the section you have prepared on your normal trowel. Make sure you press firmly against the premix and move in an upward motion to compress the QuartzKote mulch into place.

Step 4: Repeat the steps till the entire area is complete. Now you will need to leave it to cure for the next 7 days in warm weather and without any rain.

What could go wrong?

After 40 years in this trade we have seen it all, so please take careful note of this information for your own sake...



Skill not present...

No one can do all things well! And when laying the premix, if this is not your skill set, then expect problems. It takes experience and skill to lay pebbles perfectly and that will endure the test of time. Taking chances with the weather will backfire on you for sure. If it rains after pebbles are laid, then the binder will be compromised and pebbles will come loose, don't phone us, you have been warned!

Surface not understood or poorly prepared...

Most failures are due to not understanding what protocols to follow in preparing the surface and the condition that the surface should comply to.

"Clean and dry" is not universally the same thing. It may "look" clean and dry but grease from nature which is invisible, will GUARANTEE failure of adhesion of the binder to the surface. DEGREASE is very different to hosing down. Use KleenKote to degrease and rinse exceptionally well because the grease is in the foam, so make sure you have rinsed until no more foam is being generated.

The surface should be solid, like concrete or bricks etc, not soil!

Some very adsorbent surfaces like poorly mixed concrete may need a primer prior to applying the premix. Floor levels not even will cause ponding areas which play havoc with binder, ensure the surface is even and your falls are sufficiently toward the drainage points. NEVER use acid to clean, your pH should be 8-9.

Joins out of hell...

When a large area is being done you must decide where you want joins and end off with aluminium trimming such as is used on tiling or carpeting. Trying to join 'pebbles' to 'pebbles' will look awful!

People and Pets...

You may not believe this but drama can be avoided by not allowing people or pets onto your newly laid pebbles for at least two (2) days. Disregard at your own expense!

Substrate Preparation Check List...

YOU CAN DO WHAT YOU THINK IS BEST AND PAY THE PRICE OR FOLLOW THE ADVICE PROVIDED...

1

DIAGNOSTICS OF SUBSTRATE...

CONCRETE, TARMAC, CEMENT SCREED, BRICK PAVING, SLATE, COBBLESTONE, OLD PEBBLES, TILES, ALL HAVE THEIR OWN PECULIARITIES AND NEED DIFFERENT PREPARATION.

LOOSE MATERIAL, ABSORBENT SURFACES, INCORRECT DRAINAGE FALLS, PONDING AREAS, AND INVISIBLE GREASE FROM DIRT AND POLLUTION WILL ALL HAVE A NEGATIVE EFFECT ON TOP COATINGS.

2

ABSORBENT SUBSTRATES...

POORLY LAID CONCRETE (INSUFFICIENT CEMENT AND OR VIBRATION)/ BRICKS/CEMENT SCREED/SLABS/TILES ARE SOME OF THE ABSORBENT SURFACES. THESE WILL REQUIRE SEALING WITH APPROPRIATE SEALERS/PRIMERS

3

DRAINAGE FALLS

ALL FLOORS WILL HAVE SOME FORM OF A FALL TO DISPLACE WATER TO A DRAINAGE POINT AND OFTEN YOU WILL ENCOUNTER UNEVEN FLOORS WITH PONDING AREAS, PARTICULARLY ON A FLAT ROOF OR LARGE OUTDOOR AREA. THESE MUST BE SCREEDED TO ALLOW FOR FULL DRAINAGE OF WATER DURING RAINY SEASON.

4

GREASE AND GRIME

JUST BECAUSE YOU CANNOT SEE THE GREASE DOES NOT MEAN IT IS NOT THERE AND IF YOU NEGLECT TO PROFESSIONALLY REMOVE ALL TRACES OF IT THE COATING WILL LIFT OFF THE SURFACE AND IT WILL COST YOU DEARLY. IT IS IN THIS AREA THAT THE DIY ENTHUSIAST DIFFERS GREATLY FROM THE PROFESSIONAL. HOW WELL YOU CLEAN DETERMINES HOW SUCCESSFUL YOU ARE

5

LOOSE MATERIAL

SAND, GRAVEL, GRASS, PEBBLES OR MONKEY NUTS ARE NOT GOOD SOLID SUBSTRATES FOR LAYING PATHKOTE OVER.

6

AT YOUR WITS END?

THEN DO NOT PROCEED, CALL DAVE AT KOTE PRODUCTS FOR ASSISTANCE, TAKING A CHANCE INVARIABLY GOES HORRIBLY WRONG!

SUGGESTED PRODUCTS TO FIX THINGS...

WE ARE FORMULATING CHEMISTS AND CAN MAGICALLY FORMULATE A PRODUCT TO SOLVE YOUR PROBLEMS...
HOWEVER, WE HAVE OVER 100 PRODUCTS ALREADY AND HERE ARE SOME SUGGESTIONS...

1

ABSORBENT SUBSTRATE, IT IS RECOMMENDED THAT YOU HAVE A SEALED SURFACE UPON WHICH TO LAY YOUR QUARTZKOTE PREMIX. COAT THE SURFACE WITH ONE GENEROUS COAT OF GRIPKOTE SHORTLY BEFORE LAYING THE WET PREMIX. THE GRIPKOTE WILL PENETRATE THE SURFACE AND IS HOMOGENOUS WITH THE BINDER IN THE QUARTZKOTE SO A POWERFUL COVALENT BOND WILL ENSURE TREMENDOUS ADHESION OF PEBBLES TO SUBSTRATE!

2

POOR LEVELS AND PONDS WILL IMPACT THE TIME IT TAKES FOR THE BINDER TO CURE AND WILL DEMAND MUCH MORE PRODUCT THAN ESTIMATED. FIX THESE WITH MORTAKOTE A SELF-LEVELLING SLURRY MIX. SIMPLY ASK FOR BROCHURE OR VISIT THE WEB.

3

GREASE IS INVISIBLE AND IS ONE OF THE MAJOR REASONS FOR ADHESION FAILURE. DO A PROPER CLEAN BY USING KLEENKOTE DEGREASER BUT WHILST THIS POWERFUL DEGREASER WILL REMOVE GREASE, IF IT IS NOT THOROUGHLY RINSED IT WILL ALSO LEAVE A FILM TO WHICH THE PRODUCT WILL NOT ADHERE, SO RINSE UNTIL NO MORE FOAM IS EVIDENT WHEN HIGH PRESSURE WATER RINSING IS BEING DONE.

4

VERTICAL APPLICATION OF THE PREMIX ON WALLS OR STAIR FRONTS MUST MAKE USE OF STICKKOTE IT IS VERY THIXOTROPIC AND SHOULD BE APPLIED GENEROUSLY TO THE WALL SURFACE, THEN WITH PRESSURE, APPLY THE QUARTZKOTE FIRMLY TO VERTICAL SURFACE.

5

JOINS ARE VERY IMPORTANT WHEN A LARGE AREA IS BEING LAID! THE USE OF ALUMINIUM STRIPS MAY BE NECESSARY OR IT IS STRONGLY ADVISED THAT ONE SIT WITH THE CLIENT AND DISCUSS WHERE THESE JOINS SHOULD/WOULD BE AND HOW YOU CAN CREATE ARTFUL JOINS SO THAT IT IS SEEN AS A FEATURE RATHER THAN AN EYESORE. TALK TO ME BEFORE YOU BEGIN!

6

KEEP PEOPLE AND PETS OFF THE NEWLY LAID QUARTZKOTE FOR TWO DAYS! THEY WILL DAMAGE THE FINISH AND IT CANNOT BE REPAIRED!! - THIS INCLUDES FRIENDS, FAMILY, YOUR MUCH LOVED DOG AND OTHER CONTRACTORS!!

QuartzKote is a product manufactured by Kote Products (Pty) Ltd

Find more information about QuartzKote and other Kote Products on our website
or feel free to get in touch via email or simply call

www.kote.co.za - 0312616866

Technical Advice: dave@kote.co.za

Admin: kels@kote.co.za

Kote[®]

Working for our customers success!