

A quick reference guide how to use Elements Nanotec Coatings and Sealers
(please also look at the "How to Clips" on my Instagram account **@elements-ceramics**,
or send me a mail at **info@elements-ceramics.co.za** or WA +27 82 508 7740 and I will send you the link.

elements



air

ELEMENTS AIR: (Industrial strength)

This product is perfect for sealing unglazed ceramics that will be used on a daily basis as crockery. If your products are made from a dark clay or the final products are a dark colour, or if it is made of porcelain, it will prevent staining. If your products are made of a light colour or very porous clay, and not fired at a high temperature, it is best to test the piece for staining after sealing.

- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid works well
- Rinse well with clean water. From that point onward always handle the ceramic piece with gloves to prevent oil from your fingers to contaminate the surface
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of ELEMENTS AIR
- Any type of brush can be used but it must be clean: a synthetic brush works well as it does not absorb any of the precious liquid
- Decant a small amount of ELEMENTS AIR into a container and start to brush the liquid on. Keep applying until the surface does not absorb any more liquid
- Set aside to cure. Touch dry in 60 minutes. To achieve full strength cure for 5-7 days
- Any unused liquid can be thrown back into the main container.
- Brushes can be cleaned with a soft soap like dishwashing liquid
- The ceramic piece is dishwasher resistance or can be wiped with a damp soft sponge in the case of light fittings
- SAFETY: ALWAYS WEAR GLOVES AND A MASK WHEN APPLYING THIS PRODUCT
- ELEMENTS AIR DOES NOT CHANGE THE NATURAL APPEARANCE OF THE UNGLAZED CLAY AT ALL

PLEASE SEE MY INSTAGRAM ACCOUNT **@ELEMENTS_CERAMICS** FOR SHORT CLIPS ON HOW TO APPLY THE PRODUCTS. ESPECIALLY THE BRUSH TO USE AND THE BRUSHING TECHNIQUE FOR ELEMENTS EARTH

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ELEMENTS AIR LITE: (Commercial strength)

This product is perfect for sealing unglazed ceramics such as vases and sculptures. It can be used on any type of clay. It can also be used over a glaze where seeping of water occurs. For instance: A vase that was glazed on the inside but have hairline cracks that lets water seep through.

- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid works well
- Rinse well with clean water. From that point onward always handle the ceramic piece with gloves to prevent oil from your fingers to contaminate the surface
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of ELEMENTS AIR LITE
- Any type of brush can be used but it must be clean: a synthetic brush works well as it does not absorb any of the precious liquid: if any brush hairs stays behind when applying, wait until the surface is dry and wipe off with a soft cloth
- Decant a small amount of ELEMENTS AIR LITE into a container and start to brush on the liquid on. Use a small amount to start with and keep applying until the surface does not absorb any more liquid
- Always close the main container when working to prevent the solvent carrier liquid to evaporate and to extend the shelf life of the product
- Set aside to cure. Touch dry in 60 minutes. To achieve full strength cure for 5-7 days
- Any unused liquid should **NOT** be thrown back into the main container as it will contaminate the liquid as it will contaminate the liquid in the main container
- Brushes can be cleaned with turpentine, paraffin or xylene
- SAFETY: ALWAYS WEAR GLOVES AND A MASK WHEN APPLYING THIS PRODUCT
- ELEMENTS AIR LITE LEAVES THE UNGLAZED CLAY IN ITS NATURAL STATE WITH A SOFT SILKY FEEL TO THE SURFACE OF THE CLAY

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earth

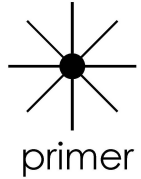
ELEMENTS EARTH:

This product is perfect for sealing unglazed and glazed ceramics. It functions like a varnish but does not peel off over time. It can be used on any type of clay. It also protects copper raku glaze against losing its shine. Please note: IT DOES NOT WORK ON THE RAKU COPPER FUME TECHNIQUE.

- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid works well
- Rinse well with clean water. From that point onward always handle the ceramic piece with gloves to prevent oil from your fingers to contaminate the surface
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of ELEMENTS EARTH
- Any type of brush can be used but it must be clean: a synthetic fan brush works well as it does not absorb any of the precious liquid: remove any brush hairs and impurities while applying and the surface is still wet
- Decant a small amount of ELEMENTS EARTH into a ceramic, glass or steel container and start to brush on the liquid on. Use a small amount to start with and keep applying until the surface does not absorb any more liquid
- Always close the main container when working to prevent the volatile carrier to evaporate and to extend the shelf life of the product
- Set aside to cure. Touch dry in 60 minutes. To achieve full strength cure for 5-7 days
- Any unused liquid should **NOT** be thrown back into the main container as it will contaminate the liquid in the main container
- Brushes can be cleaned with turpentine, paraffin or xylene
- SAFETY: ALWAYS WEAR GLOVES AND A MASK WHEN APPLYING THIS PRODUCT
- ELEMENTS EARTH LEAVES A SOFT MATT SHEEN ON THE UNGLAZED CLAY

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ELEMENTS PRIMER:

This is a primer to prepare the vitrified unglazed surface BEFORE the chosen sealant is applied. It work much like a primer works on a plastered wall before it is painted. The goal is to prepare the surface so that the spread rate of the Elements Sealer is extended.

The primer can be used with **ELEMENTS AIR, ELEMENTS AIR LITE and ELEMENTS EARTH**. The purpose of the PRIMER is to prepare the unglazed vitrified (fully fired) surface so that less of the more expensive product is necessary. In other words, so that less of the expensive liquid is used. Much like one would prime an unpainted plastered wall before applying the paint.

***NOTE:** if you work in porcelain fired to 1200 deg. Celsius and above, like you don't need to prime the clay before-hand with ELEMENTS PRIMER, as the clay is already quite dense.

- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid works well
- Rinse well with clean water. From that point onward always handle the ceramic piece with gloves to prevent oil from your fingers to contaminate the surface
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of ELEMENTS PRIMER
- Any type of brush can be used but it must be clean: a synthetic fan brush works well as it does not absorb any of the precious liquid
- Decant a small amount of ELEMENTS PRIMER into a container and start to brush the liquid on. Depending on the porosity of the vitrified clay **two wet-in-wet coats** should be sufficient
- Set aside to cure. Touch dry in 60 minutes. To achieve full strength cure for 24 hours
- Any unused liquid can be thrown back into the main container.
- Brushes can be cleaned with a soft soap like dishwashing liquid
- SAFETY: ALWAYS WEAR GLOVES AND A MASK WHEN APPLYING THIS PRODUCT
- ELEMENTS PRIMER DOES NOT CHANGE THE NATURAL APPEARANCE OF THE UNGLAZED CLAY AT ALL
- After the primer has cured for 24 hrs you can proceed to apply one of the ELEMENTS nano coatings of your choice.

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