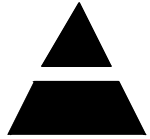


A quick reference guide how to apply Elements Nanotec **Sealers**(Elements Air, Elements Air Lite), Elements Nanotec **Varnish**(Elements Earth) and Elements **Primer**
Please also look at the "How to apply" clips on my Instagram account [@elements_ceramics](#)

elements



air



ELEMENTS AIR: (Industrial strength)

This product is perfect for sealing **any unglazed** ceramics. It is particularly effective for pieces that will be used on a daily basis that will need heavy duty protection such as crockery. If your products are made from a dark clay or the final products are a dark colour, or if it is made from porcelain, it will prevent staining. If your products are made from 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. It can also be used to seal hairline cracks if a glaze has crazed, to make the item food safe and waterproof.

- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid and a soft sponge 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. NOTE: only use powder free gloves
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of **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 and tends to not loose hairs
- **Can be used with Elements Primer** to increase the spread rate to reduce the layout cost. See the "How to" section on Elements Primer for instructions
- Shake well before use and decant a small amount of **AIR** into a container and start to brush the liquid on. Keep applying until the surface does not absorb any more liquid. Use a brush that suits the size of your piece.
- 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 to clean in the case of light fittings.
- **Not** recommended for use in a microwave.
- 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 AIR.

elements



ELEMENTS AIR LITE: (Commercial strength)

This product is perfect for sealing **unglazed** ceramics such as vases, planters, sculptures (indoor & outdoor) that will be used as decorative pieces that are not used on a daily basis and does not need heavy duty protection. It can be used on any type of clay. It can also be used **over a glaze** to waterproof 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 and a soft sponge 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. NOTE: only use powder free gloves.
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of **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 stay behind when applying, wait until the surface is dry and wipe off with a soft cloth/soft sponge.
- **Can be used with Elements Primer** to increase the spread rate to reduce the layout cost. See the "How to" section on Elements Primer for instructions
- **Shake well before use** and decant a small amount of **AIR LITE** into a container, and start to brush 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. The carrier in **AIR LITE** is a solvent and reacts with air, and will set with prolonged exposure.
- 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 and cause it to set.
- 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.

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 **AIR LITE** (The technique is the same as for AIR)

elements



earth



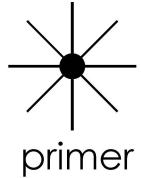
ELEMENTS EARTH:

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, and any ceramics technique. It also protects copper raku glaze against oxidation that will result in loss of the colour. Please note: **IT DOES NOT WORK ON THE COPPER FUME RAKU TECHNIQUE.**

- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid and a soft sponge 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. NOTE: only use powder free gloves
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of **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.
- **Can be used with Elements Primer** to increase the spread rate to reduce the layout cost. See the "How to" section on Elements Primer for instructions
- Shake the bottle well before application.
- The carrier in **EARTH** reacts with air, so decant a small amount of **EARTH** into a ceramic, glass or steel container and start to brush 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. Make sure the plastic dropper inside the screw top is fitted tightly to prevent the liquid in the bottle from setting.
- Apply only one thin layer and make sure the surface is covered evenly
- For optimal application apply **EARTH** 360 deg. all around the piece on all surfaces.
- Set aside to cure. Touch dry in 60 minutes. To achieve full strength cure for 5-7 days. Clean the piece to remove any trace of the liquid after it has fully cured.
- The ceramic piece is dishwasher resistance or can be wiped with a damp soft sponge in the case of light fittings.
- Not recommended for use in a microwave.
- 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.

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 EARTH

elements



ELEMENTS PRIMER:

The primer can be used with **AIR, AIR LITE and EARTH**. The purpose of the **PRIMER** is to prepare the unglazed vitrified (fully fired) BEFORE the chosen Elements sealer is applied. The goal is to prepare the surface so that less of the more expensive product is necessary and the spread rate is increased. 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, you don't need to prime the clay before-hand with the **PRIMER**, as the clay is already quite dense.

- Shake the bottle well before application.
- Wash the vitrified unglazed surface with a soft soap. Dishwashing liquid and a soft sponge 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. NOTE: only use powder free gloves
- Let the piece dry properly over a few days. Any moisture still left in the clay will affect the application of the **PRIMER**.
- 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 **PRIMER** into a container and start to brush the liquid on. Depending on the porosity of the vitrified clay **two or three wet-in-wet coats** should be sufficient. Three layers are recommended for products sealed with Elements Earth.
- Set aside to cure. Touch dry in 60 minutes. To achieve full strength of all the layers, cure for 24 hours before applying the selected ELEMENTS nano sealer.
- 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.

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 the Primer.(The technique is the same as for AIR)