

## **HOW TO PROTECT YOUR INVESTMENT BY USING NATURAL STONE CLEANER AND SEALER**

### **Impregnating Sealers**

Impregnating sealers are sealers that penetrate the stone's surface and repel substances in order to protect the stone from absorbing liquids and other contaminants. Like other types of sealers, such as [topical stone sealers](#) (or waxes), these are designed to protect; just in a different way. When a stone absorbs a liquid substance, the stone can become discolored, and this discoloration can be detrimental to the appearance of the surface. Impregnators can be water-based or solvent-based repellents that do their work beneath the surface of the stone. This type of sealer keeps contaminants out while allowing moisture to escape. As a result, impregnators are described as "breathable"; they allow for vapor transmission. Impregnators generally come in a couple of types. These types include:

- Hydrophobic Impregnating Sealers (water-repelling)
- Oliophobic Impregnating Sealers (oil-repelling)

### **Water Repellent (Hydrophobic) Impregnators**

Hydrophobic impregnating sealers are designed to repel very specific liquids. Namely, water and water-based chemicals. These types of sealers are great for protecting stone surfaces from the following common liquids:

- Water
- Coffee
- Soda
- Milk
- Juice

Since the above liquids are water-based, hydrophobic impregnating sealers would repel them.

### **Oil Repellent (Oliophobic) Impregnators**

On the other hand, if you are in situation where you need oil-based liquids to be repelled, then it calls for one of the oliophobic impregnators to be used. These impregnators are formulated to repel water, water-based, and oil-based liquids. So in addition to the list above, these impregnators would also repel the follow liquids:

- Cooking Oil
- Grease
- Body lotion
- Oily Salad Dressings

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- Olive Oil

While Oliophobic impregnators will repel water-based substances, Hydrophobic impregnators will not repel oil-based substances. Therefore it is important to become familiar with the various types of [natural and engineered stone sealers](#) and educate yourself on which to use in a given environment and project.

### **Impregnating Sealer Advantages**

Sealers that perform their work below the surface have some advantages to them. Some of these benefits include:

1. Most of these sealers do not change the appearance of the stone.
2. Require less frequent applications as a general rule. This is because the impregnator is actually working below the surface of the stone.
3. Since light cannot actually get to where the sealer is doing its work (below the surface), most impregnators are not affected by UV light.
4. As mentioned above, your typical impregnator is water repellent (hydrophobic) and some of them are even oil repellent (oliophobic).

In some situations, impregnators that are applied to resined stone will cause the stone to take on a cloudy appearance, discolor to some degree, or fade the colors. It is important that you become familiar with which impregnator to use for a given situation. You can find a nice overview by browsing our [stone sealer use chart](#). Using the wrong sealer for a specific application can present additional work to correct the issue. Hence, we recommend that you [contact us](#) with any questions regarding what sealer to use for your specific project.

Some of the various types of impregnating sealers available from Tenax include:

- [Color Enhancing Sealers](#)
- [Exotic Stone Enhancing Sealers](#)
- [Premium Stone Sealers](#)
- [Anti-graffiti Water based Stone Sealers](#)
- [Water & Oil Proofing Sealers](#)
- [Deep Penetrating Stone Sealers](#)
- [Engineered Stone Quartz Sealers](#)

### **Sealants for Natural Stone, Quartz, & Concrete**

Tenax has sealants that are formulated for multiple materials. They are listed below.

#### **Natural Stone Sealers**

Tenax has stone sealers designed to enhance, protect and clean all types of marbles, travertines, stones, granites, engineered material and agglomerates. If you are looking for a stone sealer for a project that uses natural or engineered stone, we have a sealer that is made for the material. Below are some applications that benefit from

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the use of stone sealers. If you're looking for information on sealing virtually any kind of stone surface and have specific environment and surface types needs, Tenax has a sealer that is designed for the task..

- [Impregnating Sealers](#)
- [Topical Sealers](#)
- [Food Safe Stone Sealer](#)
- [Color Enhancing Sealers](#)
- [Premium Grade Sealers](#)
- [Exotic Stone Enhancing Sealers](#)
- [Anti-graffiti Water Based Sealer](#)
- [Exterior Porous Stone Sealer](#)
- [Waterproofing & Oilproofing Sealers](#)

### Concrete Sealers

Tenax also offers sealers designed formulate to protect sorts of concrete surfaces in multiple ways. If you are looking for a concrete sealer for your project Tenax has concrete sealers designed for the task. Below are some concrete sealers.

- [Solvent Based Concrete Sealers](#)
- [Water Based Concrete Sealers](#)

### Quartz Sealers

Beyond the scope of concrete and natural stone surfaces there are other materials that contain resins along with the natural minerals. One such material is Engineered Quartz. This material also can benefit from being sealed. Sometimes sealer is not the only treatment needed. There may be a need for the color to be enhanced too. The following links go to sealers designed for use on quartz surfaces.

- [Engineered Quartz Enhancing Sealers](#)

## Protective Sealers for Quartz Surfaces

You may have read or heard from someone that quartz does not need to be sealed. Even makers of quartz document the stain resistance and non-porous nature of this material. There are however cases where stains occur on quartz surfaces. In fact, many different substances can and do stain quartz countertops. Are we saying that quartz surfaces need to be protected with a sealer. No. When properly and perfectly cared for, quartz does not need to be protected from substances that can come into contact with the surface. For those that are less than perfect though, Tenax has produced products designed for protecting engineered quartz.

### Does Engineered Quartz Stain?

It may seem as though one does not need to be concerned with this question. Yet, there are those that have undertaken the task of actually [testing whether quartz surfaces stain](#).

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The results of the above referenced test conclusively show that quartz can and does stain under certain circumstances. That's why quartz cleaners exist to [remove stains from quartz surfaces](#). And even unattended water can leave "stains" on quartz surfaces. So we provide a [limescale remover for quartz](#) for restoration professionals that need to remove limescale.

## Quartz Shield Sealer

Even though quartz can be cleaned when it incurs a stain that does not mean that protecting it is unnecessary. Using a properly formulated quartz sealer to help protect quartz countertops is not out of the question. Quartz shield is a sealer that is designed to work on quartz surfaces.

## Quartz Toner Plus

As previously mentioned, quartz can become stained. When this happens, some try to correct the stain by using cleaners or household chemical that are not designed for use on quartz. Under these circumstances, negative results follow. Sometimes quartz countertops become hazy or dull looking and need to have the luster and deep colors restored. For these cases we provide quartz toner plus to enhance the color of the quartz countertop surface.

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### **Cleaning & Maintenance Products for Natural Stone**

When cleaning natural stone surfaces, care is needed when choosing a cleaner or other care & maintenance product. Some natural stone is sensitive to specific cleaners. This means that if you select a cleaner that is not formulated with the proper pH level and the stone is sensitive to it, it can damage the stone. So we have created a line of natural stone products that are designed to work on specific kinds of natural stone. Here is a little bit of informatin about some of our products.

#### **Natural Stone Cleaner**

If you have customers that are always looking for cleaners that will work on natural stone, Lustro Italiano is designed to clean the following materials:

- Granite
- Marble
- Limestone
- Travertine
- Onyx

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- Quartzite
- Concrete

### **Fortified Polish for Natural Stone**

As you are probably aware, natural stone needs to be sealed because of its porosity. Even after the initial sealing that is usually performed by you, the fabricator or the installer, a periodic resealing must happen based on the amount of use the surface receives. Our natural stone polish gives your customers the ability to reseal the stone surface steadily through regular polishing of the surface instead of performing an involved reseal of the surface every so often. Below, you will find the products we have available for use on natural stone surfaces.

### **Cleaning & Maintenance Products for Quartz**

When cleaning engineered quartz surfaces, care is needed when choosing a cleaner or other care & maintenance products. Engineered quartz is sensitive to specific cleaners. This means that if you select a cleaner that is not formulated with the proper pH level and the stone is sensitive to it, it can damage the stone. So we have created a line of quartz products that are designed to work on quartz surfaces. Here is a little bit of information about some of our products.

#### **Engineered Quartz Cleaner**

If you have customers that are always looking for cleaners that will work on engineered quartz, Lustro Italiano Quartz products are designed to clean all sorts of quartz surfaces. There is a plethora brands that produce quartz surfaces. Some of the popular ones include:

- ADD
- ADVANCED KITCHEN & BATH
- [AUREA STONE](#)
- AVANZA
- BASIX QUARTZ
- [BELENCO](#)
- BELTRAMI
- [CAESARSTONE](#)
- CERASTONE
- CIMSTONE
- COLOR SURFACES
- [COLORQUARTZ](#)
- [COMPAC](#)
- COSMOS QUARTZ

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- [CORIAN](#)
- CURAVA
- [DAKOTA QUARTZ](#)
- DELLA TERRA
- DIAMANTE QUARTZ
- [DIFINITI](#)
- [DIRESKO](#)
- ELEMENTS
- ELLIPSE
- EMPEROR QUARTZ
- [EQUUS](#)
- ESSA STONE
- FIR STONE
- FORMICA STONE
- [FOUR ELEMENTS](#)
- GEMINI QUARTZ
- GEOS
- GIOSTONE
- GLOBALSTONE
- GS QUARTZ
- [HANSTONE](#)
- [IRAH QUARTZ](#)
- KALINGA STONE
- KIVESTA QUARTZ
- [KSTONE](#)
- LEGACY QUARTZ
- LG VIATERA
- [LIDO](#)
- [LUCASTONE](#)
- METROQUARTZ

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- MONICA
- MONT SURFACES
- NATURAQUARTZ
- NATURASTONE
- NUSTONE
- [OKITE](#)
- OMNIA
- [ONE QUARTZ](#)
- ORION
- PACSHORE QUARTZ
- PENTAL
- POLARSTONE
- POMPEII QUARTZ
- PRESTIGESTONE
- PURIVO QUARTZ
- Q FROM MSI
- QSTONE
- QUANTRA
- QUANTUM QUARTZ
- QUARELLA
- QUARTEX SURFACES
- QUARTZ EFFECTS
- QUARTZ MASTER
- QUARTZ NATUR
- QUARTZFORMS
- QUARTZNATURE
- QUARTZFORMS CANADA
- RENEWMAX
- ROMAXX
- ROXX

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- SANTA MARGHERITA
- SEQUEL
- SILESTONE
- SIQUARTZ
- SMARTSTONE
- SPECTRUM QUARTZ
- STARON RADIANT
- STONE ITALIANA
- SUN STONE QUARTZ
- TCE STONE
- TECHNISTONE
- TERRASTONE
- TOTEM QUARTZ
- TRAFFICSTONE
- U QUARTZ
- VADARA
- VENETIAN FROM MSI
- VERSATOP
- VICOSTONE
- VTI TRUQUARTZ
- WILSONART QUARTZ
- ZENITH
- ZODIAQ

### **Polish for Engineered Quartz**

As you are probably aware, engineered quartz needs no sealing because it is non-porous. However quartz **does** need to be cared for in a particular way. If a quartz owner uses an incompatible product on a quartz surface, it can cause a haze or a dull spot on the quartz surface. After this happens, the damage is done and having the surface repaired could be costly. Yet, we have formulated a quartz polish that is designed to add a shine back to the quartz surface. Below, you will find the products we have available for use on engineered quartz surfaces. This product collection includes LUSTRO ITALIANO quartz polish.

### **Quartz Sealer**

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As mentioned above, you will no doubt read information provided by quartz manufacturers that clearly state that quartz does not need to be sealed. These statements are directed to customers that are the new owners of **their specific quartz product when it is new and has been cared for properly**. However, mistakes happen and not all quartz is the same quality. As a result, there are occasions when sealing a quartz surface **is needed**. It for these situations quartz sealer is provided. After the homeowner corrects a discoloration on a quartz surface or restores the shine, it can be beneficial to add a coat of sealer to help protect the surface from further marring.

Below is a collection of the Lustro Italiano Quartz cleaning, care, and maintenance products that we offer for you to provide to your customers.

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