

— CARE & MAINTENANCE

# Minimal *care.*

# *Maximum durability.*

Viana Sintered Stone is the most durable architectural surface available today. With 100% natural mineral composition, zero resins, and vitrified density below 0.1% water absorption, it requires virtually no maintenance — indoors or outdoors. This guide outlines the simple care routine to keep your Viana Sintered Stone surfaces looking pristine for generations.

— DAILY CLEANING

## Soap, water, done.

For everyday cleaning of Viana Sintered Stone surfaces, use a **soft cloth or non-abrasive sponge** with **warm water and any household cleaner** — including standard dish soap, glass cleaner, or multi-purpose spray. Unlike engineered quartz, sintered stone has no resins to protect, so even aggressive cleaning products are safe. Wipe thoroughly and dry with a clean cloth to prevent water spotting. No sealing, no polishing, no specialty chemicals required.

### For stubborn marks:

- Food residue or grease: any household degreaser
- Dried spills: damp cloth — even after days, stains don't set
- Ink, marker, paint, adhesive: acetone, mineral spirits, or isopropyl alcohol
- Mineral / water deposits: diluted vinegar or descaler
- Limescale or rust: standard limescale remover works without damage
- Graffiti: graffiti remover or solvents — Class 1 graffiti-resistant

## — QUICK REFERENCE

What to *do* — and avoid.

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DO	AVOID
<ul style="list-style-type: none"><li>— Wipe spills promptly with any cleaner</li><li>— Place hot pans, cast iron, and baking dishes directly on the surface</li><li>— Use bleach, acetone, ammonia — all safe</li><li>— Clean outdoor installations with a hose — no sealing required</li><li>— Expect color-fast performance in full sunlight (Class A+ UV rated)</li><li>— Use for outdoor kitchens, pool surrounds, and exterior cladding</li><li>— Cut directly on the surface (will dull knives, not the stone)</li></ul>	<ul style="list-style-type: none"><li>— Use abrasive scouring pads, steel wool, or gritty cleansers</li><li>— Apply sealers, waxes, or polishes (unnecessary and not recommended)</li><li>— Use concentrated hydrofluoric acid (only acid that etches sintered stone)</li><li>— Allow heavy impact on unsupported overhangs or edges</li><li>— Use metal scrapers that could chip the polished surface</li><li>— Worry about wine, coffee, oil, citrus, or turmeric stains</li><li>— Worry about UV fading, freeze-thaw damage, or heat damage</li></ul>

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## — WHY SINTERED STONE IS DIFFERENT

### *Beyond low-maintenance.*

Viana Sintered Stone's 100% natural mineral composition — with no polymer resins, no binders, and no plastics — gives it performance that engineered quartz and natural stones cannot match. Here's what that means for everyday care:

#### **Heat — direct contact safe to 300°C (572°F)**

You can place hot cast iron pans, baking dishes, and pots straight from the stove or oven directly on the surface. No trivets required. No thermal shock. No discoloration. This is a fundamental advantage over quartz — which is limited to ~150°C before the resin discolors or cracks.

#### **UV — outdoor-rated, color-fast forever**

Viana Sintered Stone is rated **UV Class A+** — the highest stability rating available. Color, veining, and surface finish remain stable under prolonged direct sunlight. This makes it the only premium surface truly suitable for outdoor kitchens, pool decks, patios, and exterior cladding in any climate.

#### **Chemicals — impervious to aggressive cleaners**

Bleach, ammonia, acetone, commercial degreasers, hospital-grade disinfectants — all safe on Viana Sintered Stone without discoloration or surface damage. The only chemical that affects sintered stone is concentrated hydrofluoric acid (used industrially, virtually never encountered in homes or commercial kitchens).

#### **Stains — nothing penetrates**

With water absorption below 0.1%, red wine, coffee, beet juice, turmeric, ink, and oil wipe away with a damp cloth — even after sitting overnight. **ISO Class 5** stain resistance (the highest rating) and **ISO Class A** chemical resistance.

#### **Scratches — Mohs 7–8 hardness**

Harder than steel. Viana Sintered Stone resists scratches from kitchen knives, keys, and daily abrasive contact. Cutting directly on the surface is safe for the stone — though it will dull your knives over time.

### — MYTHS & FACTS

## What you *don't* need to do.

### "I need to seal my sintered stone surface."

**Never.** Viana Sintered Stone is fully vitrified — water absorption below 0.1% means there is nothing to seal. Applying sealers is unnecessary and can leave a residue film on the surface.

### "Hot cookware will crack my countertop."

**Not on sintered stone.** Viana Sintered Stone is thermal-shock tested and handles direct hot cookware up to 300°C. Cast iron pans, pots straight from the stove, and baking dishes can sit directly on the surface with zero damage.

### "Sun will fade my outdoor installation."

**No.** UV Class A+ means color and finish remain stable under unlimited direct sun exposure. This is the highest UV stability rating available for architectural surfaces.

### "Freeze-thaw will crack my outdoor stone."

**No.** Viana Sintered Stone is freeze-thaw tested to ISO 10545-12 and rated for all North American climates. Water cannot penetrate the surface, so there is nothing to expand during freeze cycles.

### "Bleach will damage my countertop."

**Not on sintered stone.** Bleach is completely safe on Viana Sintered Stone — no resin to degrade, no surface to discolor. Use it regularly for disinfection if desired.

### "Dark stones scratch and show wear more."

**Not on sintered stone.** Mohs 7–8 hardness applies to all colors equally. Enigma (black with copper veining) resists scratches and wear identically to the lightest white.

### — WARRANTY SUMMARY

Viana Sintered Stone carries a **15-year comprehensive warranty** covering manufacturing defects under normal residential use. Outdoor residential applications are covered within the warranty. Commercial applications have specific warranty terms — contact Viana for details. Damage caused by improper installation (not following Viana fabrication guidelines), heavy impact, or concentrated hydrofluoric acid is not covered. For complete warranty terms, contact Viana directly.

### — QUESTIONS

Our technical team is available to help with project-specific care questions, outdoor installation guidance, and commercial specifications. Contact **Viana Surfaces** at [vianasurfaces.com](https://vianasurfaces.com) for fabricator referrals, product specifications, or to report any concerns about your installation.