

# Porcelain slabs

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# How to Clean Porcelain Slabs: Science-Backed Protocol

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## Porcelain Care

EDGE-SAFE CLEANING AND HANDLING

Porcelain slabs are printed and sintered at extreme heat, making them scratch resistant and chemically stable.

Prohibited methods include impact on edges and ceramic knives. This protocol focuses on daily hygiene plus strict edge protection.

## The science: tension and hardness

### Printed surface

The design is printed and fused on the top layer. The pattern does not go through the full thickness of the slab.

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### Hard but tensioned

Porcelain is harder than granite, yet internal tension makes edges the release point for impact damage.

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### Edge fracture risk

Sharp impacts can cause conchoidal fractures, creating shell-shaped chips along the edge.

## Part 1: Myth vs. Science

**Myth #1: It is indestructible, so I can chop food directly on it.**

**Science: False.** Ceramic knives and hard impacts can scratch the surface or transfer metal. Use a cutting board.

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**Myth #2: Chips can be sanded out.**

**Science: False.** The pattern is only in the top layer. Sanding exposes the plain body and cannot restore the design.

## Part 2: The Clean Era Protocol

### Step A: Daily hygiene

**Agent:** Neutral cleaner or mild household spray.

**Method:** Spray and wipe. Porcelain is chemically resistant, but keep cleaners mild for home safety.

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### Step B: Impact awareness

**Rule:** Treat edges and sink cutouts like glass.

**Action:** Never rest heavy pots on the edge, and avoid sharp impacts near corners.

## Summary for your home

#### NEVER USE

Ceramic knives, direct chopping, or impact on edges and corners.

#### ALWAYS USE

Cutting boards, trivets, and gentle daily cleaning.

#### GOLDEN RULE

Porcelain is tough on the surface but fragile at the edges.

## Manufacturer verification data

### Neolith

Warns that edges are most sensitive to physical damage and should not be hit with heavy objects.

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### Dekton

Advises using trivets and avoiding extreme thermal shock. Chemical resistance does not equal impact resistance.

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### Clean Era note

We treat porcelain edges like glass and train staff to avoid pressure on cutouts and corners.

## FAQ

### Can I cut directly on porcelain slabs?

No. Use a cutting board. Ceramic knives and impacts can scratch or chip the surface.

### Can chips be sanded out?

No. The pattern is only on the top layer, so sanding exposes the base body.

### Are porcelain slabs stain resistant?

Yes, but edge protection and impact awareness are still essential.

## Download the porcelain slabs protocol

Use the printable PDF to share with homeowners, housekeepers, or vendors.

### Porcelain Slabs Protocol (PDF)

Daily hygiene, edge awareness, and impact-safe care.

[Download PDF](#)

## Clean Era standard

Clean Era uses manufacturer-compliant, science-backed protocols for high-performance surfaces.