

Quartz vs. Granite – Heat Resistance Comparison

Table of Contents

[How Much Heat Can Quartz Handle?](#)

[How Much Heat Can Granite Handle?](#)

[How Can You Prevent Heat Damage to a Quartz Countertop?](#)

[Is Heat Damage an Issue with Granite Countertops?](#)

[What is the Best Area of the Home for Quartz Countertops?](#)

[Which Material is Better: Quartz or Granite?](#)

[Frequently Asked Questions](#)

[Quartz](#) countertops and granite countertops are two of the most popular options available on today's market. Both surfaces are some of the most beautiful you can install in your home and are very durable. But how do the two countertop materials compare in terms of heat resistance? That is the question that this guide will answer through the information below.

How Much Heat Can Quartz Handle?

While quartz will not burn from the smallest amount of heat, you should not expose the surface to excessive heat. Quartz is an engineered stone that is made by combining about 90 percent ground natural quartz with roughly 10 percent polyresin. Placing hot objects on a quartz countertop, such as hot pans and hot pots, can cause significant damage. If you place very hot items on your quartz countertop, it will result in burn marks and discoloration. This is because excessive heat melts the resin used in the surface.

How Much Heat Can Granite Handle?

While you should be extremely careful with hot items around your quartz countertops, you will not have to worry as much about [granite countertops](#). This is not to say that you should be reckless, but granite is much more heat resistant than quartz. In fact, granite is one of the most heat resistant materials you can install in your home. Although this is the case, it is always a good idea to use trivets and hot pads when setting down hot items on any countertop.

How Can You Prevent Heat Damage to a Quartz Countertop?

Quartz is a great material for countertops because of its beauty, easy maintenance requirements, stain-resistant and scratch-resistant properties. That said, it is often not the top choice for kitchen countertops because of its sensitivity to excessive heat. To prevent heat damage with quartz countertops, make sure to use trivets and hot pads if you do have the surfaces in your kitchen. Quartz countertops should also not be installed outside, due to exposure to direct sunlight that can damage the material.

Preventing Heat Damage on Quartz Countertops

Install in lower-traffic areas

Use trivets and hot pads

Avoid exposure to direct sunlight

Is Heat Damage an Issue with Granite Countertops?

Granite countertops do not often have issues related to excessive heat. In addition, you should not have issues with staining if you re-apply a sealant on an appropriate basis (typically around once per year).

What is the Best Area of the Home for Quartz Countertops?

Quartz countertops, backsplashes and other surfaces are a great option for lower-traffic areas of the home, such as bathrooms. Keep in mind that you can install them in the kitchen as well, but you will need to make sure you exercise increased caution.

Which Material is Better: Quartz or Granite?

In terms of heat resistance, granite is a much better choice. The natural stone surfaces can withstand much more heat than quartz can, which makes the material an ideal fit for the kitchen. In general, natural stone countertops are much better at handling heat than engineered stone options.

Frequently Asked Questions

Which is More Expensive? Quartz or Granite?

In general, quartz is more expensive than granite. Engineered stone countertops may not have the ‘classic’ appeal that natural stone holds, but the surfaces are gorgeous, durable and easy to care for – all qualities that are ideal to homeowners. Quartz typically costs between \$50 to \$120 per square foot, while granite costs between \$35 to \$75 per square foot.

Which Has More Options to Choose From? Quartz or Granite?

Granite can be found in hundreds of colors and styles. That said, quartz can be found in many colors and styles as well. Both options virtually ensure that you will find something that is a nice fit for your home.

Installing quartz countertops or granite countertops in your home is a great choice. Both surfaces are highly regarded for their beauty, durability and low maintenance requirements, among many other positive qualities. When it comes to completing your home improvement project, both options are ideal. While granite has the edge when it comes to heat resistance, quartz offers many benefits of its own.