

Unlike anything else on the market, **Bonded Quartz** combines ceramic microspheres and a fiber-reinforced polymer matrix to create a material that is lightweight, durable, and easy to clean. The standard colors for Bonded Quartz are Bonded White™ and Bonded Charcoal™. For larger projects, custom colors are also available.

Material Description

Bonded Quartz is defined by two parameters that are key to product specification:

Parameter	Description	Page
Color	Bonded Quartz is available in two colors: Charcoal and White. Options vary per pattern.	2-3
Pattern	The distinctive texture or design cast into the Bonded Quartz surface.	2-3

Products & Applications*

Bonded Quartz can be used in the F+S Systems listed below or specified as sheet goods for custom applications.

F+S Systems	Sheet Goods
<ul style="list-style-type: none">• LEVELr Wall Panel & Column System• LEVELe Wall Panel & Column System• LEVELr Elevator Interiors• LEVELe Elevator Interiors• LEVELc-2000 Elevator Interiors	<p>Depending on the application, different casting types may be better suited.</p> <ul style="list-style-type: none">• Standard castings come in a range of thicknesses that vary per pattern, as shown on page 4. Standard castings can be factory-laminated to a variety of backer materials. Application directly to drywall is not recommended.• Backed castings are recommended in some instances. Standard backer materials include an aluminum sealer sheet or MDF. <p>Forms+Surfaces recommends either a minimum 1/8" (3 mm) reveal or a trim detail between sheets. Exposed edges of casting should be protected by trim or other material.</p>

**Bonded Quartz is intended to be an attractive and durable cladding material and should not be used as a structural element nor should it be used to provide reinforcing or bracing for structural embers.*

Bonded Quartz Characteristics

Aspect	Description
Environment	Suitable for interior applications.
Fire Rating	Bonded Quartz is NFPA and IBC class B fire rated and UBC class 2 fire rated.
Routine Maintenance	Avoid using harsh abrasives, acids or chlorine-based cleaners or cleaning tools containing carbon steel, such as steel wool or wire brushes. Additional details can be found in the Architectural Materials Care & Maintenance document on our website.

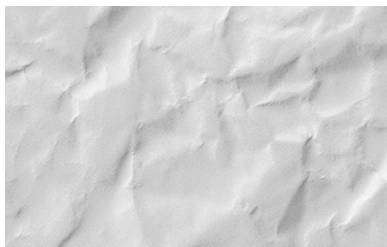
Specification Parameters

As summarized on page 1, Bonded Quartz is defined by two parameters that are key to product specification: color and pattern. The information below and on the following pages goes into more detail about each.

Standard Pattern & Color Options

All of the patterns shown on pages 2-3 are available as standard options.

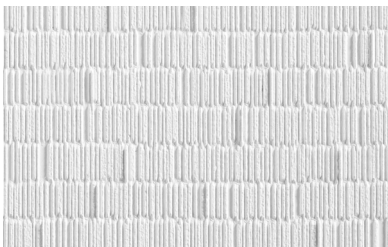
Bonded Quartz, White



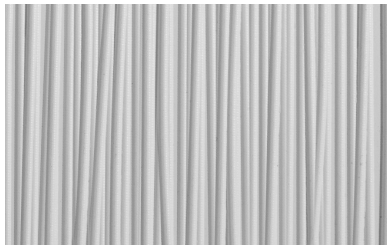
Crinkle



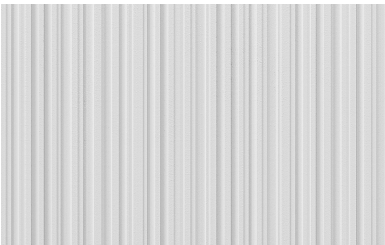
Current



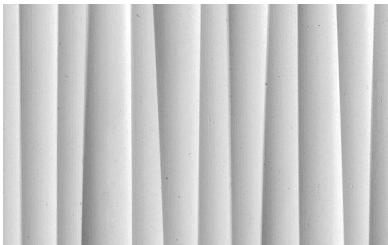
Dash



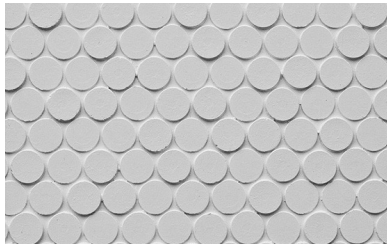
Grass



Loft



Mara

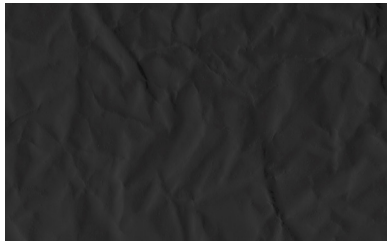


Trevia

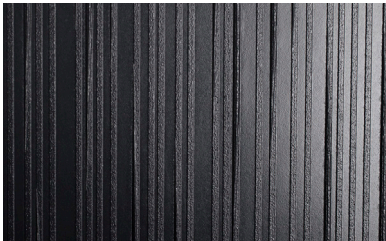
Note: Because different computers will render colors and textures differently, actual finishes may vary from those shown.

Standard Pattern & Color Options, continued

Bonded Quartz, Charcoal



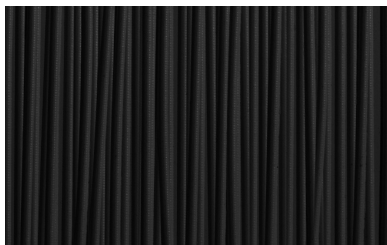
Crinkle



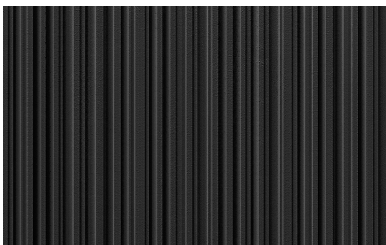
Current



Dash



Grass



Loft

Note: Because different computers will render colors and textures differently, actual finishes may vary from those shown.

Material Specifications

The chart below is arranged by sheet thickness and shows sheet size dimensions for all Bonded Quartz castings. The face layer of the cast matrix that makes up Bonded Quartz ranges from 0.018-0.035". Castings may be specified in any sheet size up to the maximum indicated in the chart. For backed castings, simply add the thickness of your preferred backer to the casting thickness shown.

Pattern	Color		Sheet Thickness	Sheet Size
	White	Charcoal		
Loft	•	•	0.106" (2.7 mm)	47.8" x 119.8" (1215 x 3045 mm)
Trevia	•		0.118" (3.0 mm)	47.9" x 120" (1219 x 3048 mm)
Current	•	•	0.129" (3.3 mm)	47.5" x 119.4" (1210 x 3035 mm)
Dash	•	•	0.133" (3.4 mm)	47.5" x 119.4" (1207 x 3035 mm)
Grass	•	•	0.133" (3.4 mm)	47.9" x 120" (1219 x 3048 mm)
Crinkle	•	•	0.157" (4.0 mm)	47.9" x 120" (1219 x 3048 mm)
Mara (H)	•		0.200" (5.1 mm)	47.6" x 119.6" (1210 x 3040 mm)
Mara (V)	•		0.200" (5.1 mm)	47.6" x 119.6" (1210 x 3040 mm)

Curved Profile

The minimum radius achievable varies depending on the thickness, pattern, and degree of relief. Standard castings can generally be applied to curved surfaces with radii down to about 18" (450mm). Curved profile must to be in same orientation as the pattern.

Customization

Forms+Surfaces is always willing to consider custom variations and modifications to meet specific project needs. Please contact us to discuss your requirements.

Environmental Considerations

Please refer to the Bonded Quartz Environmental Data Sheets for detailed environmental impact information. For more information on our sustainability mission visit our website.

How To Specify

To order, please indicate color, pattern, and quantity.