



# BONDED QUARTZ™

PRODUCT DATA





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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.

## BONDED QUARTZ FEATURES

- Suitable for interior applications.
- Products are manufactured to specification and provided cut to size and ready to install.

## MATERIAL DESCRIPTION

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

| COLOR   | PATTERN  |
|---|--|
| Bonded Quartz is available in two colors: Charcoal and White. Options vary per pattern as shown on pages 2-3. | The distinctive texture or design cast into the Bonded Quartz surface. |

## PRODUCTS & APPLICATIONS

Bonded Quartz can be specified for walls, wainscoting, column covers, elevator interiors, accents, custom fabrications or any vertical application where modern, visual richness is desired.

| CASTING TYPE  | F+S SYSTEMS  |
|---|--|
| <p>Depending on the application, different casting types may be better suited.</p> <ul style="list-style-type: none"> <li>• Standard castings come in a range of thicknesses that vary per pattern, as shown on page 6. Standard castings can be factory-laminated to a variety of backer materials. Application directly to drywall is not recommended.</li> <li>• In some instances, backed castings are recommended. Standard backer materials include an aluminum sealer sheet or MDF.</li> </ul> <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. 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> | <ul style="list-style-type: none"> <li>• LEVELr Wall Cladding System</li> <li>• LEVELr Column System</li> <li>• LEVELr Elevator Interiors</li> <li>• LEVELe Wall Cladding System</li> <li>• LEVELe Column System</li> <li>• LEVELe Elevator Interiors</li> <li>• LEVELc-2000 Elevator Interiors</li> </ul> |

## BONDED QUARTZ CHARACTERISTICS

| ROUTINE MAINTENANCE  | CURVED PROFILE  | FIRE RATING  |
|--|---|--|
| 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 Surfaces Care & Maintenance document on our website. | <p>The minimum radius achievable varies depending on the thickness, pattern, and degree of relief.</p> <p>Standard castings can generally be applied to curved surfaces with radii down to about 18" (450mm). Curve has to be in same orientation as the pattern.</p> | Bonded Quartz is NFPA and IBC class B fire rated and UBC class 2 fire rated. |



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## PATTERN & COLOR OPTIONS

All of the patterns shown on pages 2-3 are available as standard options in White and/or Charcoal as shown. For larger projects, Forms+Surfaces welcomes inquiries regarding custom designs and applications for this highly sculptural material.



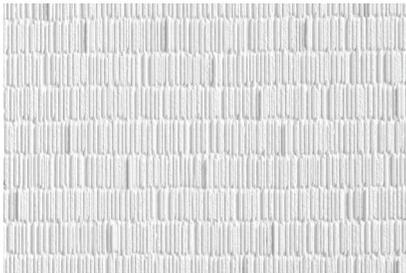
CARBON™



CRINKLE™



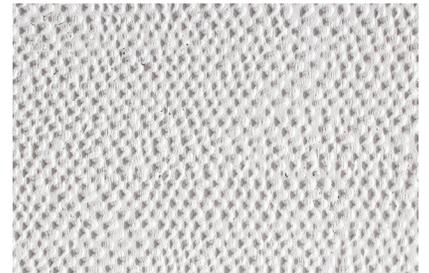
CURRENT™



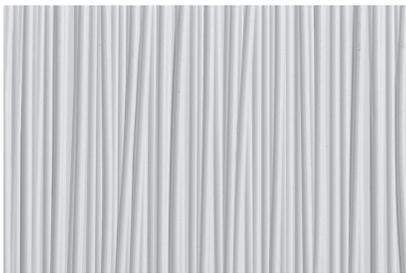
DASH™



DUNE™



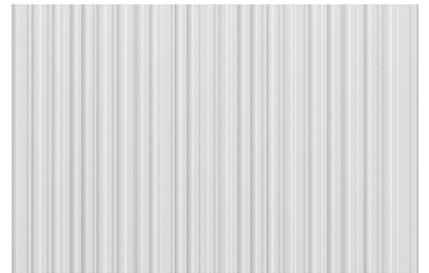
GLINT™



GRASS™



KALAHARI™



LOFT™



MARA™



SAHARA™

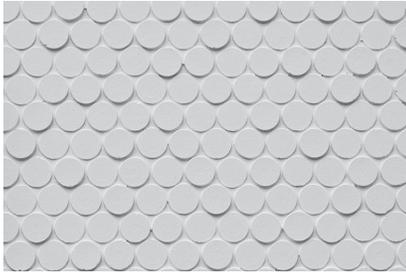


TILT™



# BONDED QUARTZ™

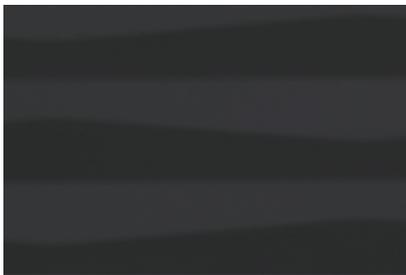
## PATTERN & COLOR OPTIONS, CONTINUED



TREVIA™



WATERFALL™



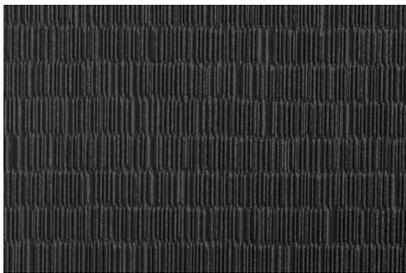
CARBON™



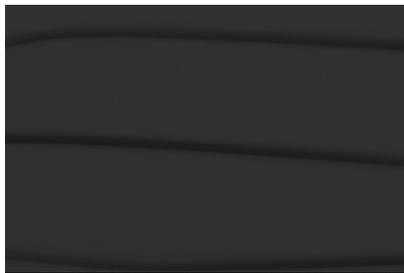
CRINKLE™



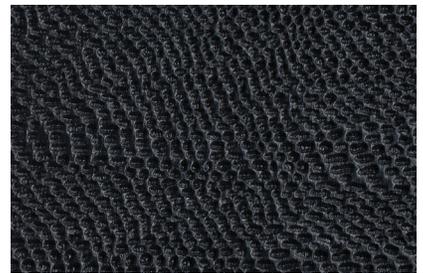
CURRENT™



DASH™



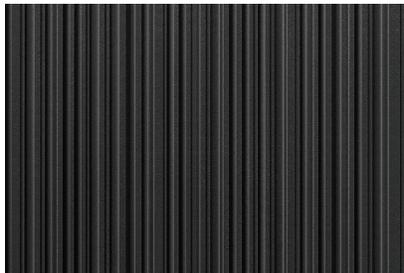
DUNE™



GLINT™



GRASS™



LOFT™

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



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## 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          | CASTING TYPE | THICKNESS       | SHEET SIZE                        | MINIMUM CURVE RADIUS |
|------------------|--------------|-----------------|-----------------------------------|----------------------|
| LOFT             | STANDARD     | 0.105" (2.7 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| TREVIA           | STANDARD     | 0.120" (3.0 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| WATERFALL        | STANDARD     | 0.130" (3.3 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| CURRENT          | STANDARD     | 0.132" (3.4 mm) | 47.5" x 119.5" (1207 x 3035 mm)   | 18" (450mm) approx.  |
| DASH             | STANDARD     | 0.132" (3.4 mm) | 47.5" x 119.5" (1207 x 3035 mm)   | 18" (450mm) approx.  |
| GLINT            | STANDARD     | 0.132" (3.4 mm) | 47.5" x 119.5" (1207 x 3035 mm)   | 18" (450mm) approx.  |
| TILT             | STANDARD     | 0.132" (3.4 mm) | 47.5" x 119.5" (1207 x 3035 mm)   | 18" (450mm) approx.  |
| GRASS            | STANDARD     | 0.135" (3.4 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| DUNE             | STANDARD     | 0.147" (3.7 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| CARBON (H / V)   | STANDARD     | 0.153" (3.9 mm) | 47.75" x 119.75" (1213 x 3042 mm) | 18" (450mm) approx.  |
| CRINKLE          | STANDARD     | 0.158" (4.0 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| SAHARA           | STANDARD     | 0.158" (4.0 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| KALAHARI (H / V) | STANDARD     | 0.200" (5.1 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |
| MARA (H / V)     | STANDARD     | 0.200" (5.1 mm) | 48" x 120" (1219 x 3048 mm)       | 18" (450mm) approx.  |

## ENVIRONMENTAL CONSIDERATIONS

Please refer to the Bonded Quartz Environmental Data Sheets for detailed environmental impact information.

## HOW TO SPECIFY

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