

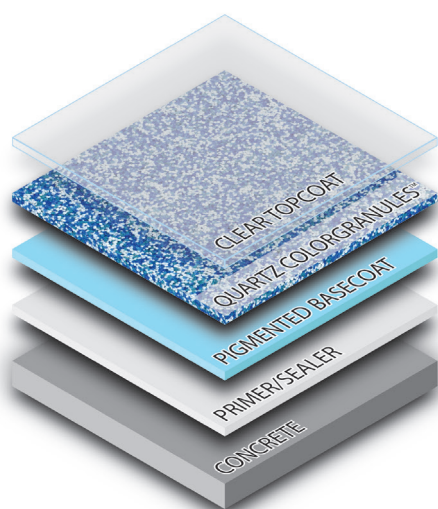


ColorGranules™, also known as pigmented quartz or aggregate, are produced using some of the finest uniformly shaped and sized quartz granules on Earth. This unique product is brilliantly color-coated with an advanced resin system and high-quality colorfast pigments. ColorGranules™ are exceptionally resilient to harsh chemicals and UV rays, providing optimal durability and performance in the most demanding environments. ColorGranules™ can be applied to achieve many different textures and minimize slip and fall injuries.

PHYSICAL PROPERTIES

Hardness	Mohs Scale of Hardness	6.5 - 7
Bulk Density	Aggregate Unit Weight (ASTM C29)	90 - 105 LB / FT ³
Specific Gravity	Relative Density (ASTM C128-07a)	2.65
Moisture Content	Evaporable Moisture (ASTM C566-97)	< 0.5%
Color ($\Delta E \leq 0.5$)	Color Tolerance (ASTM D2244)	Pass
Colorfastness / UV Stability	Xenon Arc Light (ASTM G155)	Pass
Weatherability	Xenon Arc Light (ASTM G155)	Pass
Melting Point	Degrees Fahrenheit	3,100 ° F

TYPICAL QUARTZ SYSTEM



For best results, a clear topcoat is recommended to fully encapsulate QUARTZ and provide a durable wearing surface.

SYSTEM COMPATIBILITY

Lab tested resin system compatability:

- Epoxies
- Polyurethanes
- Polyureas
- Polyaspartics
- MMAs
- Waterborne resins
- Solvent-based resins
- And more...

APPLICATION METHODS

- Resinous floor coating systems
- Broadcast systems
- Trowel applied slurry systems
- Screeded slurry systems
- Self-leveling systems



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CHEMICAL ANALYSIS

Chemical	Percent, %
SiO ₂ (Silicon Dioxide)	99.800
Al ₂ O ₃ (Aluminium Oxide)	0.040
Fe ₂ O ₃ (Iron Oxide)	0.015
TiO ₂ (Titanium Dioxide)	< 0.010
CaO (Calcium Oxide)	< 0.010
MgO (Magnesium Oxide)	< 0.010
Na ₂ O (Sodium Oxide)	< 0.010
K ₂ O (Potassium Oxide)	< 0.010

CHEMICAL RESISTANCE

Liquid immersion for 18 hours in each chemical

Chemical [Concentration %]	Reaction
Aluminum Sulfate [25%]	None
Ammonium Hydroxide [28%]	None
Chlorine Bleach [15%]	None
Hydrochloric Acid [100%]	None
Industrial Detergent [50%]	None
Mineral Spirits [100%]	None
Sodium Carbonate [40%]	None
Tricloro-s-triazene [10%]	None
Trisodium Phosphate [40%]	None
Water [100%]	None
Xylene [100%]	None

COVERAGE RATE GUIDELINES

Quartz Grade	Coverage Area
40-S Broadcast Grade	1/2 LB - 1 LB/SF (Double Broadcast)
25-A Trowel Grade	1 LB - 2 LB/SF (1/4" Thickness)

Coverage rates may vary depending on customer preferences and application techniques.

DISCLAIMER: The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. Con-Treat Pty Ltd makes no representation or warranty concerning the products, expressed or implied, by this Product Data Sheet.

PACKAGING

Unit Packaging	22.68 kg <i>Multi-wall kraft paper bags</i>
Full Pallets	49 bags 1,111kg net weight 1,133 kg gross weight
Full Truckloads	833 bags / 17 pallets 18,892 kg net weight
Freight / Shipping	Class 50

SYSTEM ADVANTAGES

- Superior colorfastness / UV stability
- Excellent abrasion and chemical resistance
- Optimal grain shape and size uniformity
- Perfect for heavy duty environments
- Outstanding slip-resistance qualities
- Customizable to complement any décor
- Lab-tested resin system compatibility
- Custom color matching & blending options
- Custom packaging & labeling options
- No minimum order quantities
- Over 60 in stock color styles

GRADE PROFILE



40-S GRADE

Grain Size	40 Mesh
Grain Shape	Spherical
Typical Application	Broadcast



25-A GRADE

Grain Size	25 Mesh
Grain Shape	Angular
Typical Application	Trowel

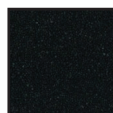
COLOR INDEX



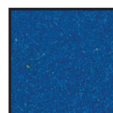
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WHITE



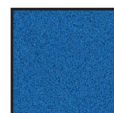
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EGGSHELL



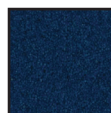
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BLACK



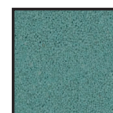
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BLUE



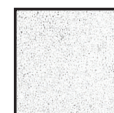
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COBALT



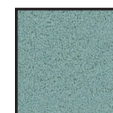
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NAVY



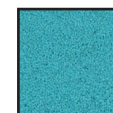
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SLATE



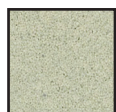
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TEAL



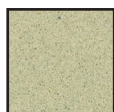
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ASPEN



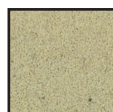
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CAPRI



Q1210
IVORY



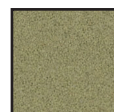
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BUTTER



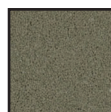
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BEIGE



Q1230
CAPPUCCINO



Q1240
TAN



Q1250
TAUPE



Q1260
SIENNA



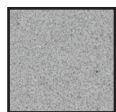
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BROWN



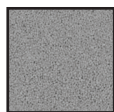
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BUFF



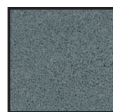
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TOFFEE



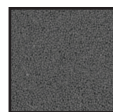
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ASH



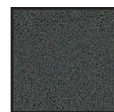
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SMOKE



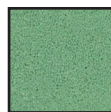
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GRAVEL



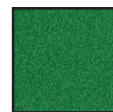
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CHARCOAL



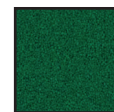
Q1350
FLINT



Q1410
CLOVER



Q1420
VINEYARD



Q1430
RAINFOREST



Q1440
LEMONGRASS



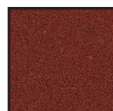
Q1510
GINGER



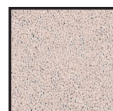
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ORANGE



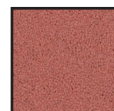
Q1610
RED



Q1620
CRIMSON



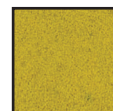
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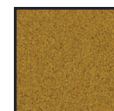
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APRICOT



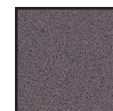
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BORDEAUX



Q1710
YELLOW



Q1720
MUSTARD



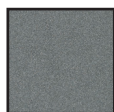
Q1810
PLUM



Q1820
LOGANBERRY



Q1000
NATURAL



Q3010
SILVER



Q3040
COPPER

WARNING: This product contains crystalline silica / quartz, which can cause silicosis (an occupational lung disease) and lung cancer. For detailed information on the potential health effects of crystalline silica / quartz, see the Con-Treat Quartz - Safety Data Sheet.