

Decorative Quartz



DESCRIPTION – 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. Available in broadcast-grade or trowel-grade quartz.

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 blend matching and blending options
• Custom packaging	• No minimum order quantities
• Over 60 color styles available	

PERFORMANCE SPECIFICATIONS

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

RESIN SYSTEM COMPATIBILITY

Lab-tested resin system compatibility	Results (Pass / Fail)
Epoxies	Pass
Methyl Methacrylates (MMA)	Pass
Polyaspartics	Pass
Polyureas	Pass
Polyurethanes	Pass
Solvent-based resins	Pass
Water-borne resins	Pass

Unknown resin compatibility testing recommended prior to use.

GENERAL PRODUCT INFORMATION

STORAGE:	Product should be stored indoors between 65°F [18°C] and 90°F [32°C], in an air tight poly-bag to avoid moisture, humidity and product damage.
COVERAGE RATE:	Broadcast: 0.4-0.5 lbs [0.18-0.23 kg] per 1 ft ² [0.09 m ²] Trowel: 13 ft ² (1.20 m ²) at 3/16" (4.78 mm)
PACKAGING OPTIONS:	50# bag
LIMITATIONS:	Flake are random in shape to provide optimal aesthetics. The colorfast pigments used in the flake are UV stable; however, the specifications for the UV stability and environmental durability of your coating system will determine outdoor suitability. Due to inherent product characteristics, a small amount of finer particles will be present within each box.

GRADE PROFILES:



Broadcast (40-S) Grade

Grain Size: 40 Mesh

Grain Shape: Spherical

Typical Application: Broadcast



Trowel (25-A) Grade

Grain Size: 40 Mesh

Grain Shape: Angular

Typical Application: Trowel

TECHNICAL SUPPORT

For any preparation or application questions, please call Tennant technical support at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).

DISPOSAL

Dispose of all excess material, packaging and other waste in accordance with federal, state and local regulations.

MAINTENANCE GUIDELINES

Allow floor coating to cure at least one week before cleaning by mechanical means (e.g., sweeper, scrubber, disc machine).

Care: Proper maintenance will increase the life and help maintain the appearance of your new Tennant floor coating. Sweep and scrub your new coating regularly, as dirt and dust are abrasive and can quickly dull the finish, decreasing the life of your coating. Remove spills quickly as certain chemicals may stain and could possibly permanently damage the finish.

Use soft nylon brushes or white pads on your new floor coating. Any brush more abrasive than a soft nylon or white pad can cause premature loss of gloss.

Detergent: Tennant has a full range of detergents--general purpose to heavy duty--for your cleaning needs. For assistance in determining which detergent is right for your facility or for additional technical information call: 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).

Caution: Avoid scratching or gouging the surface. All floor coatings will scratch if heavy objects are dragged across the surface.

Do not drop heavy or pointed items on the floor as this may cause chipping or concrete popouts in the case of a weak cap.

Rubber tires can permanently stain the floor coating from plasticizer migration. Plexiglass® between the tire and the floor coating can prevent discoloration.

Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

Repair: Repair gouges or scratches or chip outs as soon as possible to prevent moisture or chemical contamination.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Tennant offers a limited warranty on all products. Please see the Tennant Coatings Limited Product Warranty Statement on our website at www.tennantcoatings.com/warranty. Please contact the Tennant Coatings Technical Support team for additional questions at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).