



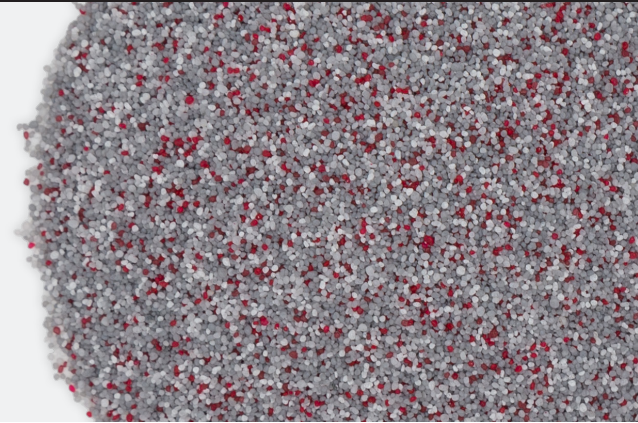
TECHNICAL DATA SHEET

TORGINOL®

DESCRIPTION

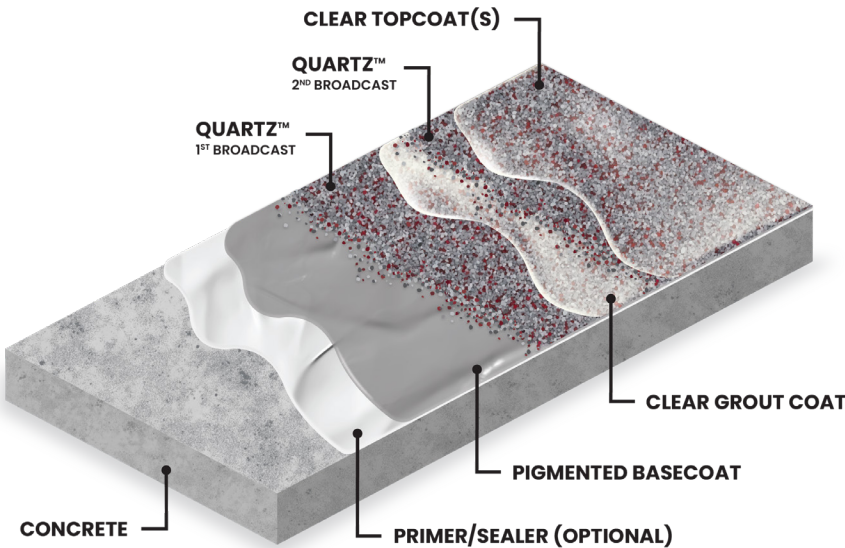
TORGINOL® RESIN QUARTZ™ is produced using some of the finest uniformly shaped and sized quartz granules on Earth. This unique product is brilliantly color-coated with an advanced resin system and high-quality colorfast pigments. The RESIN QUARTZ™ coating technology is exceptionally resilient to harsh chemicals and UV rays, providing optimal durability and performance to the most demanding environments.

RESIN QUARTZ™ can be applied to achieve optimal surface textures and minimize the risk of slip and fall injuries.



TYPICAL QUARTZ SYSTEM

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



FEATURES & BENEFITS

- ✓ QUARTZ™ enhances function & resilience
- ✓ Advanced resin system for superior performance
- ✓ Excellent abrasion & chemical resistance
- ✓ UV tested lightfastness
- ✓ Optimal for demanding heavy duty environments
- ✓ Outstanding slip-resistance qualities
- ✓ Custom blends & color designs
- ✓ Sample matching expertise
- ✓ Over 60 color-styles in-stock
- ✓ Two grades for broadcast & trowel applications
- ✓ Optimal grain shape & size uniformity
- ✓ Lab-tested coating system compatibility
- ✓ No minimum order quantities
- ✓ Custom packaging & labeling options
- ✓ Cost effective performance flooring solution

DISCLAIMER: The information set forth in this Technical Data Sheet represents typical properties of the product described; the information and typical values are not specifications. Torginol, Inc. makes no representation or warranty concerning the products, expressed or implied, by this Technical Data Sheet.

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EVERYDAY
SPACES™**

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GRADE PROFILE



40-S GRADE

Broadcast Grade | *Spherical*



25-A GRADE

Trowel Grade | *Angular*

SOLID COLORS



Conch
Q1013



Eggshell
Q1015



Ivory
Q1210



Butter
Q1215



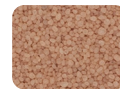
Buff
Q1280



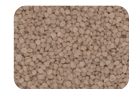
Biege
Q1220



Tan
Q1240



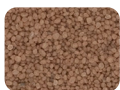
Cappuccino
Q1230



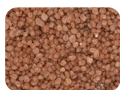
Greige
Q1235



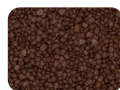
Taupe
Q1250



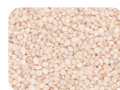
Toffee
Q1290



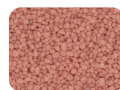
Sienna
Q1260



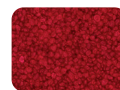
Brown
Q1270



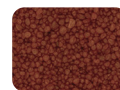
Blush
Q1630



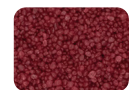
Apricot
Q1640



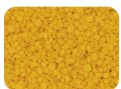
Red
Q1610



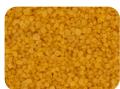
Crimson
Q1620



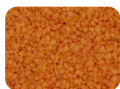
Bordeaux
Q1650



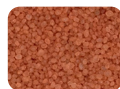
Yellow
Q1710



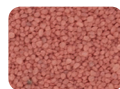
Mustard
Q1720



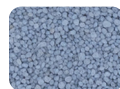
Orange
Q1520



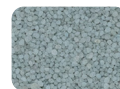
Ginger
Q1510



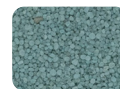
Terracotta
Q5001



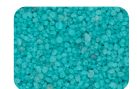
Cascade
Q5006



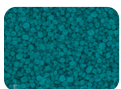
Aspen
Q1150



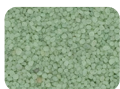
Slate
Q1130



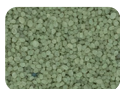
Capri
Q1160



Teal
Q1140



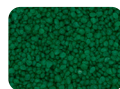
Clover
Q1410



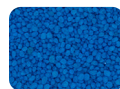
Lemongrass
Q1440



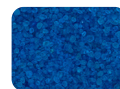
Vineyard
Q1420



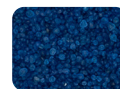
Rainforest
Q1430



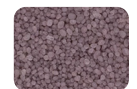
Cobalt
Q1115



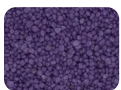
Blue
Q1110



Navy
Q1120



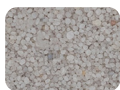
Plum
Q1810



Loganberry
Q1820



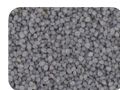
White
Q1010



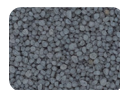
Ash
Q1310



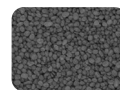
Smoke
Q1320



Pewter
Q5010



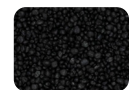
Gravel
Q1330



Charcoal
Q1340

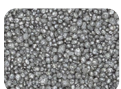


Flint
Q1350

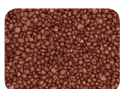


Black
Q1020

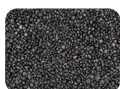
SPECIALTY



Silver Metallic
Q3010



Copper Metallic
Q3040



Conductive Black
Q9300 - 30S

PERFORMANCE SPECIFICATIONS

Hardness	Mohs Scale of Hardness	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 ($\Delta E \leq 0.5$)	Spectrophotometer (ASTM D2244)	Pass
Lightfastness /UV Stability	Xenon Arc Light (ASTM G155)	Pass
Weatherability	Xenon Arc Light (ASTM G155)	Pass
Melting Point	Degrees Fahrenheit	3,100 ° F

COATING SYSTEM COMPATIBILITY

Lab-tested resin system compatibility (Pass/Fail)

Epoxies	Pass
Methyl Methacrylates (MMA)	Pass
Polyaspartics	Pass
Polyureas	Pass
Polyurethanes	Pass

Compatible with 100% Solids, Solvent-based & Waterborne Systems

DISCLAIMER: Unknown resin compatibility testing recommended prior to use.

PACKAGING

	Net Weight	Gross Weight
Unit Packaging <i>Multi-wall kraft paper bags</i>	50 LB (22.68 KG)	51 LB (23.13 KG)
Full Pallets <i>49 Bags (7 Layers x 7 Bags Per)</i>	2,450 LB (1,111.3 KG)	2,549 LB (1,156.21 KG)
Full Truckload <i>17 Pallets (833 Bags)</i>	41,650 LB (18,892.12 KG)	43,333 LB (19,655.52 KG)

FREIGHT SHIPPING CLASSIFICATION

Domestic NMFC Classification Code:	90220, Class 50
International Harmonized Tariff Code:	2506.10.00.50

COVERAGE RATE GUIDELINES

Pounds Per Square Foot

Quartz Grade	Coverage Area LB/SF
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 rate guidelines are approximations and representative in nature. Exact coverage rates will vary based on application techniques, system specifications and customer preferences.

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-trianzenetrone [10%]	None
Trisodium Phosphate [40%]	None
Water [100%]	None
Xylene [100%]	None

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

APPLICATIONS

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