CHROMA-QUARTZ
Pigmented Quartz Aggregate for Resin Flooring Systems

Description

CHROMA-QUARTZ consists of quality quartz aggregate pigmented with a high performance surface coating and iron oxide pigments designed to be used in resin broadcast and trowel applications like our INCRETE’s QUARTZ EP and EUCLID’s Eucypoxy Tufoat DBS.

Primary Applications

- Broadcast resin applications
- Trowel resin applications
- Food processing areas
- Locker rooms/showers
- Kitchens
- Schools
- Restrooms
- Chemical processing
- Hospitals
- Walkways
- Jails
- Restaurants
- Lobbies

Features/Benefits

- Decorative, aesthetic appearance
- Seamless
- Alternative to trowel-applied systems
- Easy to maintain
- Long-term service life
- High abrasion resistance, chemical resistance
- 15 standard colors

Technical Information

Hardness Moh’s Hardness Scale

<table>
<thead>
<tr>
<th>Chemical Analysis (Typical base mineral)</th>
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<tbody>
<tr>
<td>SiO2 .........................................................99.808%</td>
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<tr>
<td>Fe2 .........................................................0.016%</td>
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<tr>
<td>Al2O3 .......................................................0.042%</td>
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<tr>
<td>CaO &amp; Mg ..................................................0.200%</td>
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<tr>
<td>Loss on Ignition .......................................0.100%</td>
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</tbody>
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Bulk Density ASTM C29/C29M-97

<table>
<thead>
<tr>
<th>Sieve Analysis (ASTM D451-91 (2002))</th>
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<tbody>
<tr>
<td>Sieve (%) Retained</td>
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<tr>
<td>#30 (0.6 mm) .....................................36.5</td>
</tr>
<tr>
<td>#40 (0.425 mm) ..............................91.0</td>
</tr>
<tr>
<td>#50 (0.3 mm) .....................................99.8</td>
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<tr>
<td>Pan ...............................................100</td>
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Specific Gravity ASTM C128-01

<table>
<thead>
<tr>
<th>Composition (Typical)</th>
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<tr>
<td>Material</td>
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<tr>
<td>Silica Sand ................................................................97.5%</td>
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<tr>
<td>Resin ....................................................................2.0%</td>
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<tr>
<td>Various colorants ................................................................0.5%</td>
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</tbody>
</table>

Packaging

CHROMA-QUARTZ is packaged in 50 lb (22.7 kg) bags. CHROMA-QUARTZ is available in fifteen standard colors which can be used alone or combined to create unique blends. Standard Colors: Black, Blue, Cayman Green, Plum, Peach, Red, Buff, Tan, Gray, Smoke, Chocolate, Green, Teal, Yellow and White. Others available upon request.

Shelf Life

Unlimited in good storage conditions.
**Coverage**

Coverage depends on the system and method of application.

For a Typical Broadcast application:
- Single Broadcast: 0.45 lb ft² (2.2 kg/m²)
- Double Broadcast: 0.8 lb/ft² (3.9 kg/m²)

*Application equipment, method, and temperature will have a significant effect on coverage rates.

**Directions for Use**

Please consult INCRETE’s QUARTZ EP system or EUCLID’s Eucopoly Tufcoat DBS broadcast quartz and resin systems for complete directions.

**Clean-Up**

Clean spills by sweeping and collecting the material.

**Precautions/Limitations**

- The use of resins and coating may vary the final color of the application.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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