

VIRACRETE 200

Colored Dry Shake Surface Hardener

Description

VIRACRETE 200 is a premium grade custom blended colored formula designed for professional use for coloring decorative concrete. It hardens and densifies, resulting in more durable and abrasion-resistant concrete surface. It is ideal for use with textured concrete, but is also excellent for standard troweled or broom-finished concrete, or for producing adjacent borders in contrasting colors. The pigments in **VIRACRETE 200** are UV stable and will not fade or weather over time. It is available in different standard colors. For stamped concrete, **VIRACRETE 300** Antique or liquid Release Agent is recommended to produce a complementary highlight color surface.

Features & Benefits

- Uniform and more intensely colored surfaces
- Provides high density, easy-to-clean surface
- UV resistant color
- Durable surface, high weather and chemical resistant
- Available in different colors range
- Ready-mix, easy to use

Uses

VIRACRETE 200 is applied floated or troweled into fresh concrete in below applications:

- Coloring stamped concrete
- Coloring and hardening concrete floors subject to high-traffic use
- Recommended for areas where attractive, uniform color is desired to enhance the appearance of the floor or flat work
- Shopping centers, hotels, garages, schools, cafeterias, sidewalks, residences, and anywhere cast-in-place concrete is used
- Use indoors and outdoors

Technical Properties

Appearance	Colored powder
Color	Available in different colors (refer to color chart)
Density	1,700 Kg/m ³ approx.
Aggregate size	0.3 – 1.0 mm
Aggregate hardness (Moh scale)	7 – 8
Abrasion resistance, DIN EN12808-2	≤250 mm ³
Abrasion resistance increase	≥340%
Scratch resistance	30 N (Erichsen Pen)

All values are subject to 5-10% tolerance

Application Procedures

Concrete Specifications:

Use a concrete mix design that meets the specifications of the job. DO NOT use any concrete chloride admixtures. All aggregates should be non-reactive and free of deleterious material. Slump should not exceed 10cm and water/ cement ration should be less than 0.55.

VIRACRETE 200 may be used with the following admixtures with no adverse effect: delayed set/retarders, water-reducers, air entrainment, integral iron oxide pigment Non-Chloride Accelerator.

Surface preparation:

Subgrade - Must be uniformly graded, compacted and moistened, but should not have standing water. Concrete should not be placed over soft, frozen or muddy ground. Install a vapor barrier below the concrete where efflorescence problems may be an issue. SBI recommends that a representative sample be done and approved prior to all projects. Before applying **VIRACRETE 200**, protect the surrounding area to ensure color does not affect areas not meant to receive color.

Adjacent concrete surfaces should be temporarily protected with plastic sheeting during application of the hardener.

Application Instructions:

Place, screed, float, and edge the concrete. Wait until excess bleed water has dissipated from surface. The application rate is 3-5 kg/m². For uniform coverage, the application should be done in two steps. For the first application, broadcast evenly over area using a casting-type motion using about 70% of the color. Avoid clumping.

The second application should use the remaining 30% to complete the coloring process. Float into concrete as before, then apply VIRACRETE Release Agent if stamping. Otherwise, proceed with standard finishing of concrete, but do not hard-trowel or over-trowel as this will result in discoloration.

Curing:

Curing is not required if VIRACRETE Release Agent was used. Other cases, curing should be carried out immediately after the concrete has set either by conventional methods or by the application of curing agents. Avoid the use of any materials that contain sodium-silicate or the use of plastic sheeting or misting techniques.

Sealing:

To protect concrete surface from stains and to bring out the color of concrete, Sealing is highly recommended for all decorative concrete. Please refer to SBI range of clear sealers.

Yield/ Coverage

Coverage may vary depending on color choice, job condition, application techniques and other condition. For most applications, the coverage will be approximately 3-5kg/m² for most colors,

Packaging

VIRACRETE 200 is available in bags of 25kg.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

REV 00-11001

SALES OFFICE : Dubai, Barsha, Rasis Business Center
FACTORY : RAK, Jazerat Al Hamra

Tel.+971 4 3999927
Tel. +971 7 2210066
Fax. +971 7 2433821
P.O.Box 14569
www.sbi-me.com , info@sbi-me.com