



Technical Data

Sparkle Grain Finish System

PRODUCT DESCRIPTION

The SPARKLE GRAIN FINISH SYSTEM is an eye-catching, black sparkle, concrete finish applied with concrete hardeners for interior or exterior concrete surfaces. It is recommended where a decorative, hard, longwearing, non-slip surface is required.

BASIC USES

Specifically designed for light to heavy usage: sidewalks, at shopping centers, houses, garages, stores, steps, ramps, wineries, schools, and public buildings.

ADVANTAGES

- Can be used in a wide range of architectural colors.
- Increased wear resistance over untreated concrete floors.
- Non-rusting
- Non-slip

TECHNICAL DATA

SPARKLE GRAIN is an iridescent black sil-car abrasive grit, 9 to 10 on the Moh Scale and Number 2480 on the Knoop hardness scale (next to diamond hardness). Grit size either 16/36 or 12/30. Other grit sizes on request.

ARCHITECTURAL SPECIFICATIONS

Concrete surfaces where indicated shall be treated with the SPARKLE GRAIN FINISH SYSTEM. This system shall be installed in Shake Coat applications to newly placed and screeded concrete surfaces. Color as selected by the architect. Apply the following manufacturer directions.

A sample section of concrete shall be placed prior to the installation for architectural approval of both color and texture.

APPLICATION

Slab shall have a maximum slump of 3" placed in temperatures below 75 degrees F. Over 75 degrees F when warm weather or drying winds are anticipated; slump should not exceed 4". Minimum strength of heavy service slab concrete should be 3,500 psi, 28 days or as ACI Design Standards. Allow no more than 3% air entrainment on the concrete. Immediately after substrate surface has been leveled and wood floated, before bleed water has appeared, SPARKLE GRAIN shall be applied evenly while there is sufficient moisture in the slab to saturate at least two dust-on coats.

** Troweling must be started early enough to complete all operations without use of additional water on the surface.

Distribute the hardener uniformly (at the rate of 20 to 25 lbs. per 100 sq. ft.), either by hand, or mechanical spreader over prepared wet slab. Apply in three separate shake coats. Use 1/3 of the required quantity hardener for the first application. Apply second application slightly after first application is floated. Do not throw the hardener or broadcast with a shovel. Use an evenly distributed hand broadcast. This is essential for product performance.

Trowel SPARKLE GRAIN uniformly into surface after each shake coat.

After the second shake coat of SPARKLE GRAIN has been troweled once, sprinkle Pacific Palette Sparkle Grain over the surface. The surface must be uniformly covered. Use a steel trowel to leave grains at surface covered with a thin film of cement paste.

The final finish may be lightly troweled to produce a smooth surface free from defects or blemishes. Finish troweling shall be delayed until surface has set sufficiently to avoid burying the SPARKLE GRAIN, but must be accomplished before finish has hardened.

EXPOSING SPARKLE GRAIN

-- Weather and wear should eventually expose the SPARKLE GRAIN.

-- Water and a soft broom, or sponge, may be used. Allow concrete surface to set sufficiently

so that light scrubbing will not cause pitting.

-- Light sandblasting will expose the SPARKLE GRAIN after the concrete has cured.

-- A light 5% to 10% Muratic acid washing will expose Sparkle Grain as well. Care should be taken when acid washing.

CAUTION

A job test sample should be performed to determine desired finish and best method to expose the SPARKLE GRAIN for architectural approval.

Most sealers will hide the sparkle.

Curing as recommended by standard A.S.T.M. specifications, only use non-staining curing compound.

DO NOT:

-- DO NOT APPLY WATER TO THE SURFACE OF THE SLAB

JOB SERVICE

A specially trained Pacific Palette Concrete representative may provide guidance before and during the initial application of SPARKLE GRAIN. This guidance is to offer suggestions and recommendations. This service is provided to ensure optimum plication of the product. This is in no way to be considered job

supervision. Availability of a representative will depend on current workload.

****NOTE**** To ensure proper application and texture a 2x2 foot sample should be constructed at the job site. This sample should also have the recommended sealer applied.

PACKAGING

Packaged in 50 lb. moisture proof buckets.

DISCLAIMER:

Recommendations for use for this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where the product is used under conditions beyond our control. Under no circumstances will Pacific Palette Concrete Products be liable for damages to anyone in excess of the purchase price of the product.

For more information contact Pacific Palette Concrete Products at (831) 457-4566