

FLOR-FINISH™ (High Gloss) Stain and Wear Protection Treatment

Technical Information Sheet

Product Description

Use **FLOR-FINISH™** on newly polished concrete, colored concrete, concrete toppings and for restoring existing surfaces. This reactive micro-impregnating NANO Lithium™ polymer gives surfaces higher gloss, and increased abrasion and stain resistance, while lowering maintenance costs. Apply with a micro-fiber pad and applicator then burnish with FLOR-GRIT™ diamond impregnated pads to create a glossy finish with excellent wear properties and extended life.

Limitations

KEEP FROM FREEZING. DO NOT HEAT. STORE BETWEEN 36°F (2°C) and 100°F (38°C). Do not apply when air, material and surface temperatures are expected to be outside these parameters. **FLOR-FINISH™** is for interior use only. Never apply tape to a finished floor as the adhesive will leave a residue and possibly remove the finish if left for an extended period.

Coverage Rate

2500-3000 square feet per gallon. Note: Coverage or treatment yield will vary with concrete quality, porosity, finish, ambient conditions and number of coats.

Equipment

FLOR-FINISH: Pump type sprayer, micro-fiber pad with applicator, DIAMATIC burnisher, FLOR-GRIT PAD, personal safety equipment.

Surface Preparation

The surface of the concrete should be processed in accordance with the **DIAMATIC ULTRAFLOOR®** Specification for polished concrete. After the final resin polishing step has been completed the surface should be thoroughly cleaned and allowed to dry prior to the application.

Packaging and Shelf Life

The **DIAMATIC FLOR-FINISH™** is available in 5 gallon pails, 55 gallon drums and 275 gallon totes. The shelf life when stored properly indoors is 6 months.

Technical Data

Protection C
Irritant
V.O.C. Content 50 < gms/L
Health 1
Flammability 0
Reactivity 0



(SiRE)™ Li
Patented Technologies by Advan
Silicon Reactive Lithium
Concrete Treatment
www.silicontreatments.com

Application

The application temperature range should be between 40-90 degrees F (5-32 C).

1. After the final polishing step has been completed the surface should be thoroughly cleaned and burnished with a FLOR-GRIT diamond impregnated Pad.
2. Mix, shake or stir thoroughly before applying.
3. Apply **FLOR-FINISH™** using a clean, pre-dampened micro fiber pad and applicator. Apply at a rate of 2500sq. ft. per gallon depending on surface profile. (coverage will vary) Spread material thinly and evenly (DO NOT OVER-APPLY)
4. Allow to dry for 10-15 minutes. Burnish within 10-15 minutes of being dry with a DIAMATIC burnisher using FLOR-GRIT Pad. If using another type of burnishing equipment, the burnisher must be able to produce a temperature of 100 degrees F. (38 C) on the surface. Burnishing of individual coats is required to improve curing process, overall shine and durability.
5. Apply a 2nd coat at 90 degrees to the first application and at the rate of 3000 sq. ft. per gallon. Use the same application method as the first coat. Repeat step 4.
6. DO NOT clean or scrub the surface for at least 72 hours. Quickly clean up spills. IMPORTANT: Avoid moisture for 72 hours. Do not allow standing water for 14 days. Do not cover with protective plastic sheeting, mats, rugs, or furniture that can prevent proper drying. Covering the surface can retard curing and result in a cloudy or whitening effect. Light pedestrian use within 30–60 minutes, vehicle traffic in 2 hours. Maximum performance may take up to 14 days to develop, depending on temperature and humidity.

Maintenance

Routine sweeping, mopping, washing and mechanical scrubbing of floors with DIAMATIC FLOR-CLEAN or water is recommended. DO NOT USE acidic, butoxy-ethanol, or citrus cleaners to maintain the floor. Refer to the **ULTRAFLOOR®** Maintenance Specification for complete details.

Safety

This product is non-toxic and non-hazardous. However care should be taken to prevent children from coming into contact with any chemicals. For eye contact, flush with running water for 15 minutes. For ingestion, give milk, water or any non-alcoholic liquid. KEEP OUT OF REACH OF CHILDREN. Refer to the MSDS sheet for complete first aid and safety information.