



Revealed

PRODUCT DATA

Concrete Finishes

LTF

www.LifeTimeFloors.biz

Description

LifeTime Floors (LTF) Revealed™ is an unique blend of traditional concrete and advanced application technology to create a monolithic slab with a low lifecycle cost while providing enduring beauty and performance.

Yield

8 - 10 lb/ft² (3.6 – 4.5 kg/m²)
Consult your LTF Revealed representative for coverage rates specific to your job.

Packaging

60 lb (22.5 kg) multi-wall bags or 2500 lb (1,125 kg) Supersacks

Color

Available in energy-efficient light reflective and high-reflective formulations. Please refer to the LTF Revealed Standard Color Card.

Shelf Life

18 months when properly stored

Storage

Store unopened packaging in a clean, dry area protected from sunlight at 50-90°F (10 to 32°C).

Features

- Variety of decorative aggregates and colors
- Sustainable architecture
- Wet on wet application
- Integral color aggregate exposure
- Exposed aggregate surface

Benefits

- Design flexibility
- Utilizing natural elements
- Fast-track installation
- Permanent surface finish
- Increased surface and slip resistance.

Where to Use

APPLICATION

- Where an attractive, exposed colored concrete floor desired
- Where an exposed concrete surface is desired
- Over freshly leveled and floated concrete
- Public areas
- Parks and recreation
- Cartways
- Plazas
- Sidewalks
- Shopping centers
- Exterior walkways
- Schools

How to Apply

Surface Preparation

Refer to LTF Revealed Contractor installation guide for details.

1. LTF Revealed is installed by experienced, independent applicators throughout the United States and Canada.
2. The following is a summary. Detailed instructions are available to experienced applicators, or call LTF Revealed Technical Service for more information.
3. Preparing the base concrete: Pump, place, or otherwise convey the base concrete at a slump not in excess of 5" (127 mm) for a slab on grade. (Please contact your local LTF Revealed representative for information on special suspended slab applications.) After the

concrete has been placed, immediately screed concrete approximately 1" short of finished elevation just before initial set float and apply Revealed topping.

4. Open finish.
5. Apply desired Revealed surface retarder for light, medium or coarse profile.
6. Cover with poly-sheeting.
7. Following day, pressure wash to expose surface.

Curing

1. At the completion of final rinse, slab shall be allowed to air dry. Protect from traffic.
2. After drying, a LTF Revealed Cure-N-Seal shall be applied.
3. Keep surface free of traffic until dried and free of all traffic loads for a period of seven days.
4. Allow ambient temperature of 50° F (10° C) or above during the curing period.
5. Once surface is allowed to cure, seven days minimum, a final sealer is required.

Joints

1. After a minimum of 90 days, apply polyurethane joint filler (e.g., Sonneborn SL 2 as manufactured by DeGussa Building Systems) in all nonmoving control and sawcut construction joints. For further information on joint placement, refer to the product data sheet on Sonneborn SL 2. Discuss the timing and methods for cutting joints at the prejob conference.



2. Delay the installation of the joint filler material as long as possible to allow the slab(s) to adequately cure. Complete curing will reduce the amount of separation between the slab and the joint filler. Please refer to ACI 302R-96, Chapter 9.10.

3. Colored slabs require extra care during construction. They must be protected from staining and damage until the structure goes into service. Many factors, including jobsite conditions and applicator methods, can affect the final shade, color, and appearance of a colored concrete floor.

For Best Performance

- Store materials in a cool, dry place. Do not use material if packaging is damaged.
 - Hold a pre-job conference with your local LTF Revealed representative to discuss all aspects of the topping application. Give a copy of the proposed mix design and installation plan to your LTF Revealed representative. Cement, aggregate size, aggregate gradation, and admixtures can all affect set time and the ability of the slab to accept the topping.
 - Before application, the installers must make a 10 by 10 ft (3 by 3 m) test application using actual jobsite products and installation methods for the owner and architect to approve.
- The application steps described in this data sheet have proven effective for installing LTF Revealed monolithic toppings. However, ideal results of these, or any construction product, are highly dependent upon ambient conditions, adequate labor, applicator experience, proper equipment, proper curing, and other factors.
 - Proper timing is essential for successful installation of this product. Follow all of the specified procedures at the recommended time.
 - Colored floors require extra care during construction. They must be protected from staining and damage until the structure goes into service. Many factors, including jobsite conditions and applicator methods, can affect the final shade, color, and appearance of a colored concrete slab.
 - Do not apply topping into standing bleed water or onto concrete that is bleeding excessively.
 - Do not install over concrete containing calcium chloride or concrete containing aggregate that has been saturated with seawater.
 - Do not use in areas exposed to acids, their salts, or other materials known to rapidly attack or deteriorate Portland cement concrete.
 - Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service to verify the most current version.
 - Proper application is the responsibility of the user. Field visits by LTF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Health and Safety

LTF REVEALED

Caution

Risks

Eye irritant. Skin irritant. Causes burns. Lung irritant. May cause delayed lung injury.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with eyes. Wear suitable protective eyewear. Avoid prolonged or repeated contact with skin. Wear suitable gloves. Wear suitable protective clothing. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wash soiled clothing before reuse.

First Aid

Wash exposed skin with soap and water. Flush eyes with large quantities of water. If breathing is difficult, move person to fresh air.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or reproductive harm.

VOC Content

0lbs/gal or 0 g/L

Waste Disposal Method

This product when discarded or disposed of is not listed as a hazardous waste in federal regulations. Dispose of in a landfill in accordance with local regulations. For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone numbers given on the bottom of the first page.

For medical emergencies only, call Chem Trec (1-800-424-9300)

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