

SYSTEM GUIDE

Guardian-LG



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Guardian-LG is a spray-applied, high performance, decorative waterproofing system designed for use in lagoons, wave pools, and other water features.

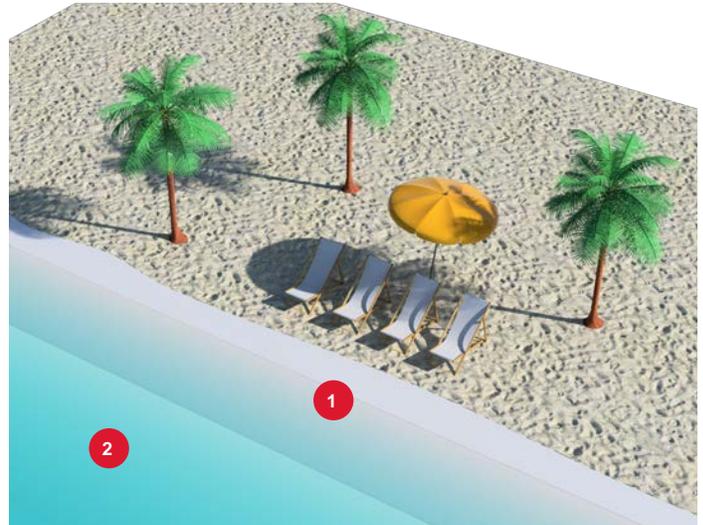
APPLICATIONS

- Lagoons
- Wave Pools
- Other Water Features

BENEFITS

- No noxious odors or VOCs
- Multiple surface types (glossy and proprietary non-slip) available
- Excellent chlorine and acid resistance
- Excellent color stability and gloss retention
- Excellent abrasion and cut/tear resistance in wave pool applications

SYSTEM COMPONENTS



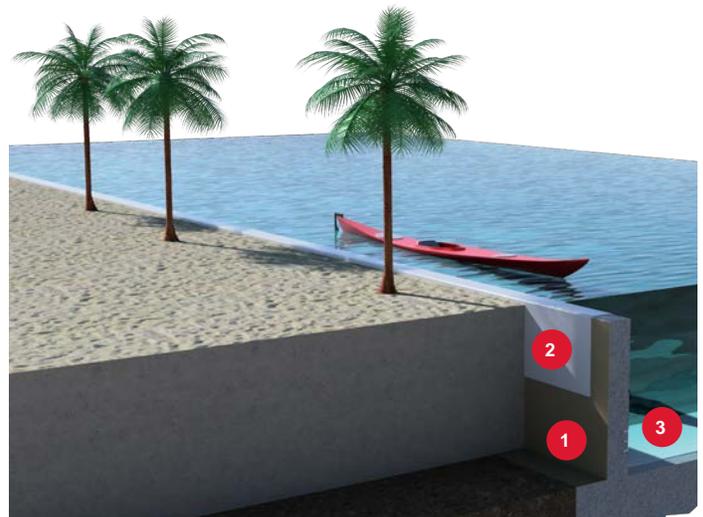
BEACH AREAS

1. Guardian-LG System (FT-1575-HD Aliphatic Polyurea)
2. Sheet Membrane System (by others)



WALL AREAS

1. Guardian-LG System (FT-1575-HD Aliphatic Polyurea)
2. Sheet Membrane (by others)



BELOW-GRADE AREAS

1. FT-2214 Aromatic Polyurea
2. FT-1575-HD Aliphatic Polyurea
3. Sheet Membrane System (by others)

COLORS

Custom colors are available to meet project-specific aesthetic requirements.

REQUEST A DRAW DOWN SAMPLE FOR EXACT COLOR

INSTALLATION OVERVIEW

Installation of any Freedom Chemical Corporation's products should be performed by an applicator with documented experience and a quality assurance program.

Refer to the relevant documentation for complete mixing, handling, and installation information.

Project Conditions

Install system when air and substrate temperature meet the requirements of the contract documents or is between 40°F (4.4°C) and 104°F (40°C), whichever is more stringent. Do not install system if relative humidity is above 85%. Refer to Installation Procedure document for information regarding air/substrate temperature and dew point limitations.

Surface Preparation

Concrete Surfaces: Provide clean, dry, and sound concrete substrate. Repair spalls and other defects using approved patching materials. Prepare concrete surfaces in accordance with SSPC-SP13/NACE No. 6 and achieve a Concrete Surface Profile of at least 3 measured using ICRI CSP chips.

Metal Surfaces: Provide clean, dry, and sound metal substrate. Prepare metal surfaces in accordance with SSPC-SP10/NACE No. 2 and achieve a 4-6 mil blast profile measured using a Surface Profile Gauge.

Application of Products

Step 1 (Primer Coat): Mix and immediately pour primer onto substrate in accordance with the contract documents or the Freedom Chemical Corporation Installation Procedure document.

- Application Rate for Concrete: 100-200 ft² per gallon
- Application Rate for Metal: 600-800 ft² per gallon.

Allow primer to cure until tack-free prior to performing

subsequent steps.

Step 2 (FT-2214 for Below-Grade Areas): Apply FT-2214 using suitable spray equipment onto primed substrate in accordance with the contract documents or Freedom Chemical Corporation Installation Procedure document, whichever, is more stringent.

- Application Rate: 16 ft² per gallon

Step 3 (FT-1575-HD for Wall, Beach, or other Decorative Areas): Apply FT-1575-HD using suitable spray equipment onto primed substrate in accordance with the contract documents or Freedom Chemical Corporation Installation Procedure document, whichever, is more stringent. Where applicable, broadcast proprietary non-skid media into FT-1575-HD while still in a liquid state. Contact Freedom Chemical Corporation Technical Service for additional information.

- Application Rate: 16 ft² per gallon

In areas where FT-1575-HD will be overlapped onto previously installed FT-2214, care shall be taken to ensure that the FT-2214 recoat windows are not exceeded. If recoat windows are exceeded, FT-2214 surface must be treated with FT-1001 Activator. Refer to FT-1001 Product Data Sheet and Installation Procedure document(s) for additional information.

Minimum Spray Equipment Requirements for Step 2 and Step 3:

- 1:1 ratio pump
- Capable of heating material to >160°F
- 2 gallons per minute output minimum
- Static pressure 2,800 psi minimum
- Spraying pressure 2,500 psi minimum

Return to Service Times

Open to Pedestrian Traffic	30 minutes
Open to Vehicular Traffic	60 minutes