



# SVFLOOR-225

**Selfleveling Multifunctional 100% Solid Epoxy Coating**

## Description:

- The **SVFLOOR-225** is a 2-component high gloss epoxy coating designed to be used in industrial floors and areas of wet process, which are exposed to constant water, grease and oil, as well as dairies, beverages, food industries, industrial kitchens, hangars, garages, among others.
- In industrial floors dry process areas, such as food industries, textile industries, warehousing and storage areas, etc.
- In areas where a high degree of asepsis is required, such as hospitals, pharmaceutical industries, laboratories, operating rooms, etc.
- In floors with high traffic areas, where falling tools and heavy equipments are common, such as in workshops, ramps, loading and unloading areas, etc.
- In floors covering normal traffic areas requiring medium-high conditions of hygiene and sanitation as in shops, hospital corridors, restaurants, shopping centers, car dealerships, etc.

## Attributes / Advantages:

- Easy preparation, mixing ratio 2:1. Excellent mechanical properties.
- Good resistance to abrasion.
- Good chemical resistance.
- When required floors with higher chemical or mechanical strength, the system can be mixed with silica or quartz sand to make non-slip floors or mortars up to 8mm thick.

## Method of Application:

- For applications over new concrete, it must have at least 28 days of draining in order to achieve its curing and resistance.
- The maximum humidity of the substrate must be less than 4%.
- In order to check humidity, a moisture meter may be used or apply the test of plastic. which consists of placing a piece of plastic on the surface for 24h. If condensation appears under the plastic, moisture or vapor transmission is present.
- Substrates with greater than or equal to 4 % moisture need to use a vapor barrier.

## Old concrete or existing paint:

- It is necessary for mechanical preparation the use of blasting, scarifying or industrial devastating in order to remove any dirt or debris loose paint.

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- The surface must be clean, free of moisture, oil, grease and any foreign agent before applying a SVFLOOR system.
- The SVFLOOR system may be applied by roller to epoxy, notched trowel, squeegee or (Squeegee) and spiked roller.

### Mixture:

- Pour into a clean, dry container, 2 parts of product A with 1 part of product B, strictly maintaining its proportions.
- We recommend using a low-speed electric drill (300-400. Rpm).
- Mix well to achieve homogeneity, for about 3 minutes.
- To make non-slip coatings or epoxy mortars thicker consult our technical department, to indicate the amount of silica or quartz sand required.

### Observations:

- The SVFLOOR systems require 48 hours to reach its resistance.
- Until then, we recommend that you use it only for pedestrian.
- Do not apply **SVFLOOR-225** over concrete less than 28 days from pouring.
- Do not apply at temperatures below 41° F or above 90° F.
- The relative humidity should be less than 90%.
- Do not mix paint prepared with catalyst with new resin.
- For any questions, please contact our technical department.

### Theoretical coverage:

- 500-600 gr./10sqf, if applied as a coating thickness of approximately 22-24 mils.
- 800-1.000 gr./10sqf, if applied as non-skid coatings, approximately 1-2mm thickness.
- 2 to 4 kg./10sqf, when it used in 3-8 mm mortars.
- Yields will depend on the porosity of the surface to be coated. We recommend the user to make a sample to determine the amount of product to be used in a more accurate manner.

### Cautions:

- **SVFLOOR-225** must be applied in areas with good ventilation.
- It is recommended the use of appropriate safety equipment, comfortable clothing, chemical resistant and dual carbon filter masks, and gloves.

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- The product contains substances that being in contact with the skin and/or inhaled for prolonged periods may cause serious health damage.
- The information contained in this document was given in good faith, based on the experience and knowledge that Servitop inc. has about the product as long as they have stored, handled and applied it under normal conditions in accordance with the instructions and recommendations of Servitop inc.
- The information contained herein does not exonerate the user to make the necessary testing of products in places where it will be applied to obtain the best results.

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### Storage:

- 2 years in tightly sealed containers, in dry and cool environment.

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