

FlexGround FlexCoat

Manufacturer's Specifications

This document provides the specifications for a urethane coating composed of adhesive and cutting agents and applied directly over poured in place rubber.

There are variations in the final specifications as required by the Client.

PART 1 – GENERAL

1.01 Work Included

Provide all labor, materials, and tools necessary for the complete installation of urethane coating as outlined in these specifications. The system should consist of but not necessarily be limited to the following:

- A. Section includes: Resilient playground surfacing poured-in-place topcoat system.
- B. Related work: Playground equipment and resilient poured-in-place playground surfacing and sub base.

1.02 Submittals

Prospective manufacturers and/or installers of the urethane coating should be required to comply with the following:

- A. The manufacturer must be experienced in the manufacturing of a poured in place safety surfacing system and provide references of five (5) specific installations in the last three (3) years.
- B. The installer must provide competent workmen skilled in this specific type of urethane coating installation. The designated supervisory personnel on the project must be competent in the installation of this product, including mixing of the materials, and spreading the materials correctly.
- C. Manufacturer should provide written instructions for recommended maintenance practices.

PART 2 – FLEXCOAT MATERIAL

The FLEXCOAT urethane coating should be in accordance with the following:

- A. FLEXGROUND primer is a 100% solids urethane primer/sealer. It is designed with a low viscosity and penetrating abilities makes this an ideal priming urethane.
- B. The FLEXCOAT urethane coating should be Aromatic or Aliphatic.

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PART 3 – SITE PREPARATION AND BASE

The FLEXCOAT site preparation and base should be in accordance with the following:

- A. Major damage to existing pad shall be repaired prior to application of FLEXCOAT.
- B. Pressure washing or high power blower is recommended to clean pad of loose debris prior to FLEXCOAT application.

PART 4 – EXECUTION AND INSTALLATION

The urethane coating installer should strictly adhere to the installations procedures outlined under these sections. Any variance from these requirements should be accepted in writing by the manufacturer's onsite representative, and submitted to the architect/owner, verifying that the changes do not in any way affect the warranty.

- A. The urethane coating should be mixed with a cutting agent at a rate of fifty percent (50%) of the total weight of the materials. Cutting agent shall be Acetone.
- B. The urethane coating should be spread at a rate of 500 square feet per one five gallon bucket.
- C. A second urethane coating should be spread in the opposite direction at a rate of 800 square feet per one five gallon bucket.
- D. The urethane coating should be allowed to cure for 24-72 hours or until dry to the touch.

PART 5 – WARRANTY AND MAINTENANCE

The bidder and/or urethane coating manufacturer must provide the following:

- A. The urethane coating manufacturer should provide a warranty to the owner that covers defects in materials and workmanship of the rubber for a **period of 30 days** from the date of Substantial Completion.
- B. The manufacturer's warranty should include general wear and tear. The warranty should specifically exclude vandalism, acts of War and acts of God beyond the control of the owner or the manufacturer.
- C. The bidder should provide a warranty to the owner that covers defects in the installation workmanship, and further warrant the installation was done in accordance with the manufacturer's recommendations.
- D. The installer should clean the jobsite of excess materials.
- E. The manufacturer should instruct the owner's personnel on proper maintenance and repair of the FLEXCOAT safety surface.

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