



STRONGFLOOR SF-112MR

System Description Sheet

Fluid Applied Flooring System

The STRONGFLOOR SF-112MR System is easy to customize for performance, budget, slip and skid resistance and design considerations. Various protective toppings are compatible with the intermediary coat. The installed system prevents further deterioration of existing concrete in mechanical, equipment and utility rooms. The SF-112 MR system is an attractive waterproof, traffic bearing system designed for interior commercial and industrial spaces.

WHERE TO USE

- Mechanical equipment rooms
- Mechanical penthouses
- Utility rooms

COMPONENT FEATURES AND BENEFITS:

- The system includes primary waterproofing, an intermediary layer of protection, and a topping.
- The topping selection differentiates between the STRONGFLOOR SF-112MR System's performance and chemical resistance.
- Superior adhesion to prepared substrates.
- Expands and contracts similar to that of concrete.
- Easy to install.
- Supplied in factory proportioned units.

TYPICAL SYSTEM PHYSICAL PROPERTIES:

Typical physical properties and test results of components of the SF-112 MR System may differ based upon statistical variations of independent testing labs with respect to test methods, mixing methods and the equipment used. Project application methods, temperature, actual site and environmental conditions will all affect the cure rates, working life, recoat time and open to traffic project conditions throughout the installation.

COMPONENTS OF THE SF-112 MR SYSTEM:

1. EM-100N:

- 5 gallon pail

2. STRONGCOTE SC-111:

- 5 gallon pail of SC#3 Liquid
- Two bags of SC# 3 White Powder
- One pigment pint

3. OPTIONAL TOPPINGS:

STRONGFLOOR ET-1000CR Novolac Epoxy Chemical Resistant Coating:

Pre-pigmented gallon unit consists of resin and hardener:

- Component A Resin : 3 gallon pail
- Component B Hardener: 2 gallon pail
- Aggregate selection is based upon specified profile - Aluminum Oxide

STRONGFLOOR ET-1000 Epoxy Flooring System:

Pre-pigmented unit consists of resin and hardener:

- Component A Resin; 2 gallon pail
- Component B Hardener : 1 gallon pail
- Aggregate selection is based upon specified profile - Aluminum Oxide

RESICOLOR Pigmented Acrylic Sealer:

- 5 gallon pail

SHELF LIFE:

One year from date of manufacture as long as containers remain unopened and when material is stored in a tempered area at 65°F to 75°F.

SPECIFICATION ASSISTANCE:

Consult Strongwall Industries, Inc.

CHEMICAL RESISTANCE: SEE CHEMICAL RESISTANCE CHART

Chemical resistance is a functional test usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. Highly aggressive chemicals may stain the surface, but a combination of the system will maintain its physical and mechanical properties. To determine aesthetic issues, Strongwall Industries, Inc. recommends testing the products or system in accordance with its intended end use prior to installation.

TESTING:

The technical data contained herein is the result of tests made in the manufacturer's laboratories or independent laboratories using small scale equipment, ideal conditions and following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

MATERIALS GUARANTEE

Available upon request.

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Prior to each use of any product of Strongwall Industries, Inc., the user must always read and follow the warnings and instructions on the product's most current Product Label, Safety Data Sheet, Product Data Sheet, and Installation Procedures.

In addition, no materials guarantee will be issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear and improper application and/or surface preparation performed by the applicator. Damage caused by abuse, neglect, and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects is also excluded from the materials guarantee. SWI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by the owner, general contractor or applicator. Nothing contained in any Strongwall Industries, Inc. literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each Strongwall Industries, Inc., product as outlined in the current Product Label, Product Data Sheet and Installation Procedures prior to use of the Strongwall Industries, Inc. product.

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Keep containers tightly closed. Always keep out of reach of children. Never for internal consumption. For industrial use only. For professional use only. Do not allow application by untrained workers.