



FARRELL FLOOR UNDERLAYMENT

Product Data Sheet

Cement Based Underlayment

DESCRIPTION:

FARRELL FLOOR UNDERLAYMENT is a cement based compound for resurfacing and leveling concrete floors, steps, ramps, etc., interior or exterior. Contains no gypsum, metallics or accelerators. Selected fine aggregates allow product to be trowelled to a featheredge. Designed to be used with FARRELL BONDING AGENT to produce a permanent overlay to any concrete surface.

USES:

To level or resurface concrete floors, walks, steps or ramps in preparation for tiling, carpeting, flooring, etc. Also used for patching and restoration work. Do not use on wood, asphalt, steel deck or painted surfaces.

TECHNICAL DATA:

Strengths as shown are with a mix ratio of 1 gallon FARRELL BONDING AGENT per 50 lb. bag of FARRELL FLOOR UNDERLAYMENT.

Tensile Strength	640 P.S.I.
Compression	5500 P.S.I.
Flexural Strength	1310 P.S.I.
Shear Bond Adhesion	610 P.S.I.
Impact Resistance	12.9 P.S.I.

All testing after 28 day air cure.

COVERAGE: Allow 1 lb. / square foot at 1/8" thickness.

PACKAGING: 50 lb. Bag

PREPARATION:

Remove all loose or unsound material. All oil, grease and sealers must also be removed from the substrate before patching, topping or placing overlays. Smooth troweled or surface hardened concrete must be scarified or acid etched to ensure proper bond.

MIXING:

Dilute FARRELL BONDING AGENT 2 parts clean water to 1 part bonding agent. Mix this diluted liquid with FARRELL FLOOR UNDERLAYMENT. Do not mix longer than 5 minutes. Each 50-lb. bag will require 1/2 gallon FARRELL BONDING AGENT and approximately 1-gallon clean water to produce a good handling mortar.

For deep fills over 3/4", use a good aggregate (1/2" to 3/4") to control shrinkage and reduce cost on the project.

APPLICATION:

It is recommended that a slurry coat of straight FARRELL BONDING AGENT and FARRELL FLOOR UNDERLAYMENT powder (mixed to a brushable consistency) be applied to the surface before placing the trowelable mix. This will ensure an excellent bond and a permanent repair.

Place the trowelable mix before the slurry coat is allowed to set up. When troweling, be sure the trowel is cleaned frequently and very little pressure is used. DO NOT over-trowel. When drying is rapid due to hot, windy, direct sunlight conditions, it is recommended the surface be covered with wet burlap for at least 24 hours. DO NOT apply when temperature is below 40°F within 48 hours. Air cure only – do not use curing or sealing compounds for at least two weeks.

WARRANTY:

All products are made with the finest quality raw material under exacting care. We fully guarantee all products when applied according to manufacturer's instructions. Improper mixing, applications and other factors beyond our control limit our responsibility to purchase price of the product.



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