

Thin Finish

High Polymer Modified Premium Feather Finish

Description

Thin Finish is a trowel applied, high polymer modified cement-based rapid setting underlayment and wall repair material that provides an exceptionally smooth true "feather finish" to a wide variety of substrate. Thin Finish can be applied over properly prepared concrete, plywood, ceramic tile, VCT and cutback adhesives.

Manufacturer

Conspec
 636 S. 66th Terrace
 Kansas City, Kansas 66111
Customer Service (800) 348-7351
Technical Service (877) CONSPEC

Use

Thin Finish can be used to create an exceptionally smooth underlayment prior to the installation of floor coverings such as carpet, VCT and vinyl sheet. It can also be used as a repair compound on exterior vertical, above grade concrete prior to coating. Thin Finish can fill in small pits, voids and hairline cracks on any concrete surface, such as tilt-up panels and precast product. Thin Finish can also be used up to 1/2" (12.7 mm) thick for larger repairs, birdbaths, irregularities at thresholds, and any height transition in the substrate. Thin Finish can be used for flash patching, skim coating, and as a fill in over ridges, gouges, and seams on practically all types of subflooring including concrete, plywood, VCT, ceramic tile, quarry tile, cement terrazzo and well bonded non-water base cutback adhesive residue.

Benefits

- Economical - skim coat up to 30 ft² (2.78M²) per pound

- No sand or aggregate fillers, results in a true featheredge finish
- True featheredge up to 1/2" (12.7mm) per lift without cracking
- No minimum thickness requirement
- No priming needed
- Mix with water only to a creamy smooth workable consistency
- Excellent bond to most surfaces
Cement based, no odor, solvents or VOC
- Quick turn around time, final set 30 minutes
- Light Gray color closely matches concrete
- High Polymer modified for superior bond strength
- Excellent freeze-thaw mold and mildew resistance

Application

Surface Preparation: Insure that all substrate are structurally sound, well bonded and fastened, and cleaned of all dirt, dust, oil, grease, paint, coatings, curing agents, sealers, waxes, or any other material or compound that interfere with bonding of the Thin Finish. Concrete floors must be cured a minimum of 28 days. Plywood subfloors should not be directly on grade or be ventilated. Plywood should be APA Exterior, Group I, CC Type. Adhesives, if present must be non-water based type only. Prepare existing adhesive by wet razor scraping to a thin well bonded residue only as recommended by the Resilient Floor Covering Institute.

Mixing: Thin Finish is mixed with water. Mix approximately 2.5 - 2.75 quarts (2.36-2.60 liters) of water per 10 lbs. (4.5 kg) bag of Thin Finish powder. Mix only as much material that can be used in 25 minutes. Mix full 10 lbs. (4.53 kg). Units with a mechanical mixer (300-rpm) only. Smaller quantities can be mixed by hand. Always place water in the mixing

TECHNICAL DATA

Pot Life at 70°F (21°F)	15 - 25 minutes
Final Set 70°F (21°F)	30 - 40 minutes
Flooring Installation Time at 70°F (21°C)	50 - 60 minutes
Compressive Strength - ASTM C-109	
1 Day	2,000 - 2,300 psi (13.8 - 15.9 MPa)
7 Days	2,300 - 2,800 psi (15.9 - 19.3 MPa)
28 Days	4,500 - 5,000 psi (31.0 - 34.5 MPa)

containers first, then add the Thin Finish powder while continuously mixing. Mix thoroughly until all powder has been completely dispersed to a lump free creamy consistency. Do not over mix. Do not use more than the recommended amount of water, and do not re-temper during use. Over mixing will induce air and reduce working time. Temperatures of the water and material will affect the work and set times. Higher temperatures will shorten work time while lower temperatures will extend them.

Coverage

A 10 lb. (4.53 kg) unit will cover approximately 33 ft² (3.06 M²) at 1/8" (3.17mm) thickness, and 17 ft² (1.57 M²) at a 1/4" (6.35 mm). Skim coating over concrete- 200 - 250 ft² (18.58 - 23.22 M²) and over plywood 250-300 ft² (23.22 - 27.87 M²). All coverage rates are provided as estimates only, actual coverage rates achieved on projects will vary according to the type and porosity of the substrate.

Packaging

10 lb. sacks and 30 lb. (13.59kg) plastic pails

Limitations/Precautions

Do not apply at temperatures below 40°F (4.4°C). Do not use as an exterior patch for horizontal substrates, or areas that are subject to repeated or constant wetting.

Warranty

Conspec warrants, for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Conspec, the product is free of manufacturing defects and conforms to Conspec's published specifications in force on the date of acceptance by Conspec of the order. Conspec shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Conspec's instructions in this technical data sheet. The purchaser must examine the product when received and promptly notify Conspec in writing of any non-conformity before the product is used, or no later than 30 days after such non-conformity is first discovered. If Conspec, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Conspec officer is authorized to modify this warranty. The sales information on the Conspec website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF

LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Limitation of Liability

Conspec shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Conspec could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

Clean-Up

Clean used tools and equipment with soap and water. Do not let Thin Finish set or it will be difficult to remove.

Filing System

Additional literature and the Material Safety Data Sheet can be obtained from Conspec upon request.