

Combimix Final Finish™ is a fast-drying finishing underlayment designed for skim-coating, smoothing and leveling prior to the application of floor coverings. The best choice for quick repairs of existing floors. Excellent for use over most substrates, including PVC, concrete, existing gypsum underlayments, wood (finished or unfinished), vinyl, VCT/VAT, cutback, epoxy, Urethanes, Terrazzo, marble, ceramic and quarry tile. Accepts all floor covering materials. Designed for hand application only.



Final Finish

Preparation of substrate

Substrate shall be free from dust, oil or any contaminants which may contribute to decreased bond. Weak surfaces must be mechanically cleaned to sound and solid substrates by shot-blasting, scarifying or similar. A tensile bond test should be taken in order to determine surface bond strength on the substrate. If a tensile bond test is not performed or fails to meet the minimum of 72 psi (0.5 Mpa), mechanical removal of weak surfaces must be completed to clean the surface down to a sound and solid substrate by shot-blasting, scarifying or similar method. Remove any loose particles and then vacuum. Extremely absorbent surfaces should be primed with Combimix PP600™ Primer and allow to dry. Please note that extremely absorbent substrates may reduce workability and open time. Priming with Combimix PP600 Primer will improve the application properties of the Final Finish. Please refer to PP600 product sheet for recommendations. Substrate surface temperature should be a minimum of 43°F (6°C) during application. Adequate ventilation should be provided to ensure uniform drying. Moisture content of substrate should be RH 95% or less prior to application of Combimix Final Finish finishing underlayment.

Mixing

Combimix Final Finish should be mixed at a ratio of 1 part water to 2 parts powder (1.8-1.9 quarts 10 lb. bag). Do not over-water. A yellowish film will develop on the surface of the product if over-watered. Add product to water and mix for 3 minutes with a heavy duty drill (minimum 650 rpm) to obtain a lump-free mix. Product can be freshened by remixing without any additional water.

Application

Apply blended material to substrate at a thickness of 0" to 1/2" for all surfaces. After initial set of material (approx. 10-15 min.) remove any overlap marks, seams and inconsistencies by scraping with a steel trowel.



Performance characteristics

- ✓ Application depths of a 0" (feather edge) to 1/2" in one lift
- ✓ Never needs admixtures for filling embossed patterns of existing resilient flooring. Just add water, no Latex needed
- ✓ Finished flooring material can be installed in 30 minutes or less depending on job site conditions
- ✓ Will not break down in high pH environments
- ✓ Can be applied over wet concrete with a Relative Humidity of 95% or less*
- ✓ Fast drying
- ✓ Water damage stable at 1/8"
- ✓ Acts as an alkalinity barrier when applied greater than 1/8"
- ✓ Suitable surface for even the most demanding floor coverings, such as sheet vinyl
- ✓ Protein Free - Will not contribute to or harbor growth of bacteria, mold or mildew
- ✓ Indoor Air Quality (IAQ) Safe - Will not contribute to damaging emissions or irritating fumes

* Please note all flooring materials have different permeability rates of moisture. Please consult Combimix prior to installing products in moisture condition out of flooring manufacturer's specifications. Combimix will make specific recommendations based on flooring type, adhesives used and environmental conditions.

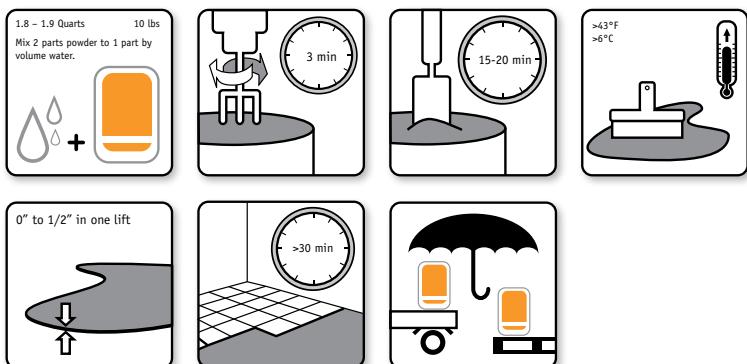
Technical data

Tensile Bond Strength	> 216 psi
Flexural Strength	1050 psi (ASTM C-348)
Compressive Strength	4105 psi (ASTM C-109 Modified)
Shrinkage	0.03 - 0.05% (ASTM D-4060)
pH (wet-state)	11
Working time (can be retempered without additional water)	15-20 minutes
Coverage	30 to 36 sq.ft. per 10 lbs bag @ 1/8"

*Above information based on 72 degrees Fahrenheit temperature.

Flooring installation

Finished floor goods can be applied to surface after approximately 30 minutes or less of application, depending on thickness, drying conditions and type of finished flooring/adhesive. Always test performance suitability and compatibility of finished floor systems prior to their application. Sample surfaces should be installed as a field test so as to be representative of entire surface and tested for intended use.



Limitations

For indoor applications only.

Storage time and packaging

Product should be stored in dry conditions and in original packaging. Use within six months of date of manufacture. Combimix Final Finish is available in 10 lbs. vinyl-lined paper bags.

Residues and safety instructions

Empty sacks should be burned. Remaining powder should be stored under dry and air-tight conditions within the applicable storage time or mixed with water and allowed to harden. It can then be disposed of as construction waste. The product may not be put into the waste water system. The cement contained in the product is chromate reduced.

Documents regarding health, environment, safety, and technical service

The current version of the product sheet, description of construction materials, and the Material Safety Data sheet are found at www.combimix.com. Previous undated and dated versions are no longer applicable. For more information please contact our sales organization.

This product information sheet contains general instructions. Use of the product occurs under many varied conditions and prerequisites. Combimix is not responsible for storage, use in construction, working or implementation, concurrent effects with other products, use limited by local conditions, or other external factors. Combimix is also not responsible in cases where the above information is incorrectly interpreted or departed from by the user.

WARNING: Dust may cause skin, eye, nose, throat, or respiratory irritation. Avoid dust inhalation and exposure to dust. If dusty, wear a NIOSH/MSHA-approved dust respirator. Use proper ventilation to reduce dust exposure. Cement is strongly alkaline and can be corrosive to eyes, skin and respiratory tract. Wear eye and skin protection. If eye contact occurs, immediately flush thoroughly with water for 15 minutes and get medical attention. Do not ingest. If ingested and any discomfort occurs, call physician.

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