

COMBIMIX PP600™ primer is a premium quality, concentrated Styrene Acrylate water-dispersed primer for use over various substrates including concrete, light-weight concrete, PVC, well bonded VCT/VAT, Cutback, adhesive residue, gypsum, Terrazzo, Resinous floor coatings, wood, Steel, copper, lead, stainless steel, quarry and ceramic tile. PP600™ is the only primer you will need to install COMBIMIX leveling compounds no matter what substrate you are covering with COMBIMIX products. Creates an extremely tenacious bond to the substrate and reduces surface porosity. Low TVOC's.



PP 600 Primer

Area of application

COMBIMIX PP600 Primer is designed for use with all Combimix Low Prep underlayments and industrial topping systems to increase adhesion to the substrate, reduce substrate surface porosity and create a tenacious bond to the substrate. Forms a film on non-porous surfaces and penetrates porous substrates to lessen the risk on "pin holes" or the formation of bubbles in the surface of the Combimix leveling compound. PP600 primer is highly aqueous alkaline resistant and is impervious to water damage once cured.

WORKING INSTRUCTIONS

Substrate

The substrate shall be clean and free from dust, oil or any contaminants which may contribute to decreased bond. A tensile pull 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) for COMBIMIX Low Prep underlayments or 217 psi (1.5 Mpa) for COMBIMIX Low Prep Industrial toppings, 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. Surface should be primed with COMBIMIX PP600 primer and allowed to dry. The substrate temperature should be a minimum 43°F (6°C) during application and air temperature maintained between 50-77°F (10-25°C). Adequate ventilation should be provided to ensure uniform drying. Moisture content of the substrate should be RH 95% or less prior to application of COMBIMIX Low Prep underlayment and toppings. Please consult with the individual floor covering manufacturer for acceptable moisture levels affecting their product(s). If Calcium Chloride moisture testing of the substrate is to be performed, it must be done prior to the application of COMBIMIX products as a false high reading will occur due to the tests being inaccurate over leveling compounds. Relative Humidity testing may occur after the installation of COMBIMIX products. Do not allow PP600 to freeze.



When used with underlayment

Substrate	Dilution Primer/Water	Coverage per sq.ft. per mixed gallon of primer
Burnished concrete	PP600 1:3	275 sq.ft.
Wood, Linoleum	PP600 5:1	160 sq.ft.
VCT, VAT, PVC, Adhesive residues, and other low porosity substrates	PP600 1:1*	205 sq.ft.
Ceramic/Quarry tile, Paint, Steel	PP600 1:1*	205 sq.ft.
Highly absorbant surface	PP600 1:5 + 1:3**	205 sq.ft.

When used with wear surfaces

Substrate	Dilution Primer/Water	Coverage per sq.ft. per mixed gallon of primer
Concrete, Light weight concrete	PP600 1:3	275 sq.ft.
Porous surfaces	PP600 1:5 + 1:3**	205 sq.ft.

*) Dilute Combimix PP600 primer and water in a mixing pail, then add some powder and mix properly. Finally, apply the slurry to the substrate.

**) Should be primed twice, please allow the first coat to become dry to touch before application of the second coat.

Preparation

PP 600 Primer is prepared in a mixing vessel. Read the primer guide on the packaging to make the correct mixture. The solution of water and primer is easily mixed by stirring. Always ensure good ventilation when doing priming work, since it promotes drying.

Application

Mix COMBIMIX PP600 primer according to the primer guide stated on the packaging to determine the proper mixture. PP600 is mixed with water in a plastic pails and stirred to ensure the solution has been blended. To promote proper drying, always ensure adequate ventilation during application.

The primer solution should be distributed evenly over the floor surface and then brushed into the substrate with a soft bristled push broom. Avoid puddling of primer. When applying with a pump sprayer, make sure to cover the substrate with an even coat to ensure proper penetration and follow immediately behind to work into the surface with a push broom. Tools and equipment can be cleaned with water. Note that dried PP 600 Primer is very difficult to dissolve and any spills should immediately be cleaned up with water. The primer must dry before filling work begins.

Substrate

PP 600 Primer can be used on most types of common commercial and residential substrates. Follow individual Combimix underlayment or topping data sheets for approved substrates for those products. Priming must always be done between the layers of Combimix leveling compounds when applying in two layers. Double priming of extremely absorbent substrates, such as gypsum leveling compounds, mud beds, etc., whereby the first priming should be thinned 1:5 and the second 1:3. The first priming doesn't need to dry before the second priming is done. One priming normally suffices on normal concrete surfaces, whereby the primer is thinned 1:3. On substrates that are not of the absorbent type such as paint, epoxy, ceramic tiles, marble or cement mosaic the primer is thinned 1:1 and dilute Combimix PP600 primer and water in a mixing pail, then add some powder and mix properly. Finally, apply the slurry to the substrate.

Storage

Protect from freezing. Contains water.

Packaging

Packaging sizes available: 0.26 Gallon, 1.3 Gallon, 6.6 Gallon (1, 5, 25 liter) and 256 gallon unit (1000 liter) (special order)

Residues and safety instructions

Empty and cleaned packaging may be burned. Remaining material should be stored under dry and air-tight conditions 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. Reposit and transport protect from freezing. Keep out of the reach of children. Wear suitable gloves (rubber), eye/face protection. After contact with skin, wash immediately with water. When using do not eat, drink or smoke.

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:

EYES: Immediately flush eyes thoroughly with large amounts of water for 20 minutes, including upper and lower lids. **SKIN:** Promptly wash with water and soap for at least 15 minutes or longer, depending on the concentration, amount and duration of exposure. If irritation persists after washing, consult a physician. **INHALATION:** Remove subject to fresh air until irritation subsides, so if conditions warrant, consult a physician. **INGESTION:** Seek medical attention immediately.

PRODUCT GROUP: FLOOR • PRODUCT CODE: S4 • VERSION: 3 • DATE: January 28, 2008



www.combimix.com
info@combimix.com

Combimix AB
Verkstadsvägen 6
746 40 Bålsta
Phone. +46 171-46 65 90
Fax. +46 171-46 65 99
www.combimix.se

Combimix Inc.
150 N. Michigan Avenue
Suite 1950
Chicago, IL 60601
Phone. 312-419-9495
Fax. 312-275-7720