

A modern interior space featuring a light-colored wood-plank floor. In the center, there is a large, dark-colored modular shelving unit with open shelves and closed cabinets. To the left, a long, low dark console runs along a wall of floor-to-ceiling windows. Two large, cylindrical pendant lights with horizontal slats hang from the ceiling. The right side of the room is dominated by a large glass wall that looks out onto a city skyline. The overall atmosphere is bright and contemporary.

Ultrabond ECO®

Wood-Flooring
Installation Systems



Product Spotlights



Planiseal® PMB

One-component, polyurethane moisture barrier and bonding agent

Planiseal PMB is a one-component, moisture-curing, polyurethane compound designed to provide moisture vapor emission protection on damp concrete substrates in a single- or double-coat application method as well as a vapor retarder using a single-coat method over wood substrates. It also serves as a bonding agent and moisture barrier system for self-leveling underlayments when applied in a double-coat method with dry sand.



Planiprep® PSC

Moisture-resistant, fast-drying patch and skimcoating compound

Planiprep PSC is a fast-drying, cement-based, fiber-reinforced, polymer-modified patch and skimcoating compound designed for preparing concrete and wood substrates for flooring installation.

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Ultrabond ECO® 995



	Product Code	Packaging
U.S.	1945815	Pail: 4 U.S. gals. (15.1 L)



Premium moisture-control, sound-reduction and wood-flooring adhesive

Ultrabond ECO 995 is MAPEI's premium, 100%-solids, one-component, moisture-curing urethane adhesive for all types of wood flooring and bamboo. *Ultrabond ECO 995* can be used in a single-coat application method that provides a superior bond and moisture vapor emission control on concrete slabs. *Ultrabond ECO 995* also provides sound-reduction properties, making it suitable for use in multi-unit housing projects.



Ultrabond ECO® 985



	Product Code	Packaging
U.S.	1947715	Pail: 4 U.S. gals. (15.1 L)



Hybrid-polymer-based, moisture-control and sound-reducing wood-flooring adhesive

Ultrabond ECO 985 is MAPEI's premium single-component, hybrid-polymer-based wood-flooring adhesive that is formulated without water, solvents, amines, isocyanates, phthalate plasticizers or epoxy resins, and has an extremely low emission level of volatile organic compounds (VOCs). *Ultrabond ECO 985*'s formulation provides excellent sound-reduction properties that are required for multi-unit housing. *Ultrabond ECO 985* is also a moisture-controlling wood-flooring adhesive that protects wood flooring from moisture vapor emitting through concrete slabs in a single application.



Ultrabond ECO® 987



Product Code

Packaging

U.S.

0657815

Pail: 4 U.S. gals. (15.1 L)



Modified-silane-based, moisture-control and sound-reduction wood-flooring adhesive

Ultrabond ECO 987 is a thixotropic, modified-silane-based, moisture-control and sound-reduction wood-flooring adhesive. Its unique formulation provides superior trowel-ridge holdout for better transfer to flooring during installation.



Ultrabond ECO® 983



Product Code

Packaging

U.S.

1947815

Pail: 4 U.S. gals. (15.1 L)



Modified-silane, moisture-control wood-flooring adhesive

Ultrabond ECO 983 is a single-component, 100%-solids, modified-silane wood-flooring adhesive that is formulated without water, solvents, amines, isocyanates, phthalate plasticizers or epoxy resins. With an extremely low emission level of volatile organic compounds (VOCs), the unique formulation of *Ultrabond ECO 983* provides excellent bond strength and moisture control up to 15 lbs. (6.80 kg) MVER and 90% relative humidity (RH). Special trowel clips are provided to apply the adhesive in a monolithic layer for subfloor moisture control. It can also be used with traditional trowel-applied methods where subfloor moisture problems do not exist.



Ultrabond ECO® 977



Fast-set urethane adhesive for hardwood flooring

Ultrabond ECO 977 is a fast-setting, 100%-solids, one-component, moisture-cured urethane adhesive specifically designed for the installation of domestic solid and engineered wood flooring. *Ultrabond ECO 977* can also be used in elevated subfloor moisture conditions of up to 12 lbs. (5.44 kg) MVER and 95% relative humidity when a specific installation method and trowel notch configurations are used.



	Product Code	Packaging
U.S.	1947608	Pail: 2 U.S. gals. (7.57 L)
	1947615	Pail: 4 U.S. gals. (15.1 L)



Ultrabond ECO® 975



Standard, urethane adhesive for hardwood flooring

Ultrabond ECO 975 is a 100%-solids, one-component, moisture-cured, urethane adhesive specifically designed for the installation of domestic solid and engineered wood flooring.



	Product Code	Packaging
U.S.	1945616	Pail: 4 U.S. gals. (15.1 L)



Ultrabond ECO® 980



Premium urethane adhesive for hardwood flooring

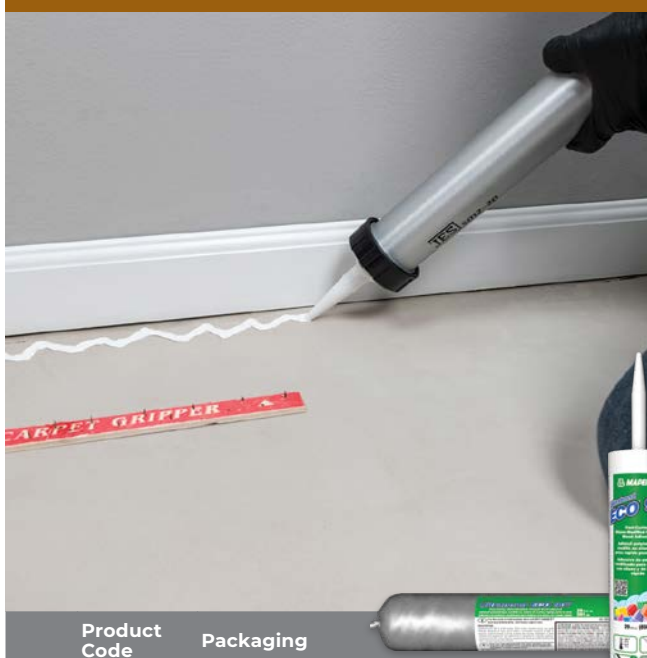
Ultrabond ECO 980 is a 100%-solids, one-component, moisture-cured urethane adhesive specifically designed for the installation of domestic and exotic solid and engineered wood flooring, including bamboo.



	Product Code	Packaging
U.S.	1942715	Pail: 4 U.S. gals. (15.1 L)



Ultrabond ECO® 907



Fast-curing, silane-modified polymer wood adhesive

Ultrabond ECO 907 is a fast-curing, 100%-solids, moisture-curing, gun-grade adhesive designed for basic wood subfloor construction practices as well as repairing of wood flooring; bonding of wood stair nosings; installation of wood molding and baseboards; and attachment of tackstrips to concrete subfloors. *Ultrabond ECO 907* is also ideal for supplemental bonding of wide plank boards when nailing and gluing are required.



	Product Code	Packaging
U.S.	1947956	Sausage pack: 20 U.S. oz. (591 mL)
	1947958	Cartridge: 29 U.S. oz. (858 mL)
	1947942	Cartridge: 10.5 U.S. oz. (311 mL)



Ultrabond ECO® 303



Product
Code

Packaging

U.S. 1951942 Cartridge: 10.5 U.S. oz. (311 mL)



Floor-Repair Adhesive

Ultrabond ECO 303 is a proprietary water-based adhesive formulation designed to be injected under existing wood, tile or resilient flooring to fill hollow spots or areas that have become unbonded. Once cured, *Ultrabond ECO 303* provides a secure and elastomeric bond, reducing hollow sounds under foot and securing loose flooring materials.



Ultrabond ECO® 904



Product
Code

Packaging

U.S. 1951842 Cartridge: 10.5 U.S. oz. (311 mL)



Stair-Nose Adhesive

Ultrabond ECO 904 is a proprietary adhesive formulation designed to bond stair nosing on common wood and concrete substrates. Once cured, *Ultrabond ECO 904* provides a secure and rigid bond for wood, laminate and rigid PVC stair-nosing materials.

Ultrabond ECO Systems Solutions for Wood-Flooring Installation

Solutions for installing over high-moisture concrete

Wood flooring is sensitive to changes in atmospheric humidity as well as to moisture vapor rising from the concrete slab below it. MAPEI's system installations for high-moisture-content concrete substrates provide warranted performance ranging from full-moisture limits with no moisture testing required to mid-range performance solutions that do require testing.



Solid or engineered prefinished hardwood flooring		Solid or engineered prefinished hardwood or bamboo flooring		Solid or engineered prefinished hardwood or bamboo flooring		Solid or engineered prefinished hardwood flooring	
Moisture limits: 25 lbs. (11.3 kg) MVER and 100% RH				Moisture limits: 15 lbs. (6.80 kg) MVER and 99% RH			
Ultrabond ECO 995		Ultrabond ECO 985	Ultrabond ECO 987	Ultrabond ECO 983		Ultrabond ECO 977	
Planiprep PSC							

Solutions for acoustic dampening

Wood and bamboo flooring are among the most desirable flooring materials, but when used in multi-family or multi-story buildings, the subject of acoustic reduction needs to be addressed. The following products provide a choice between levels of sound control, all of which meet or exceed basic building code requirements for sound dampening in wood-flooring installations.



Solid or engineered pre-finished hardwood flooring*	Solid or engineered pre-finished hardwood and bamboo flooring*	
<i>Ultrabond ECO 995</i>	<i>Ultrabond ECO 985</i>	<i>Ultrabond ECO 987</i>
IIC – 50	IIC – 44	IIC – 48
STC – 50	STC – 52	STC – 50
Delta IIC – 21	Delta IIC – 17	Delta IIC – 19

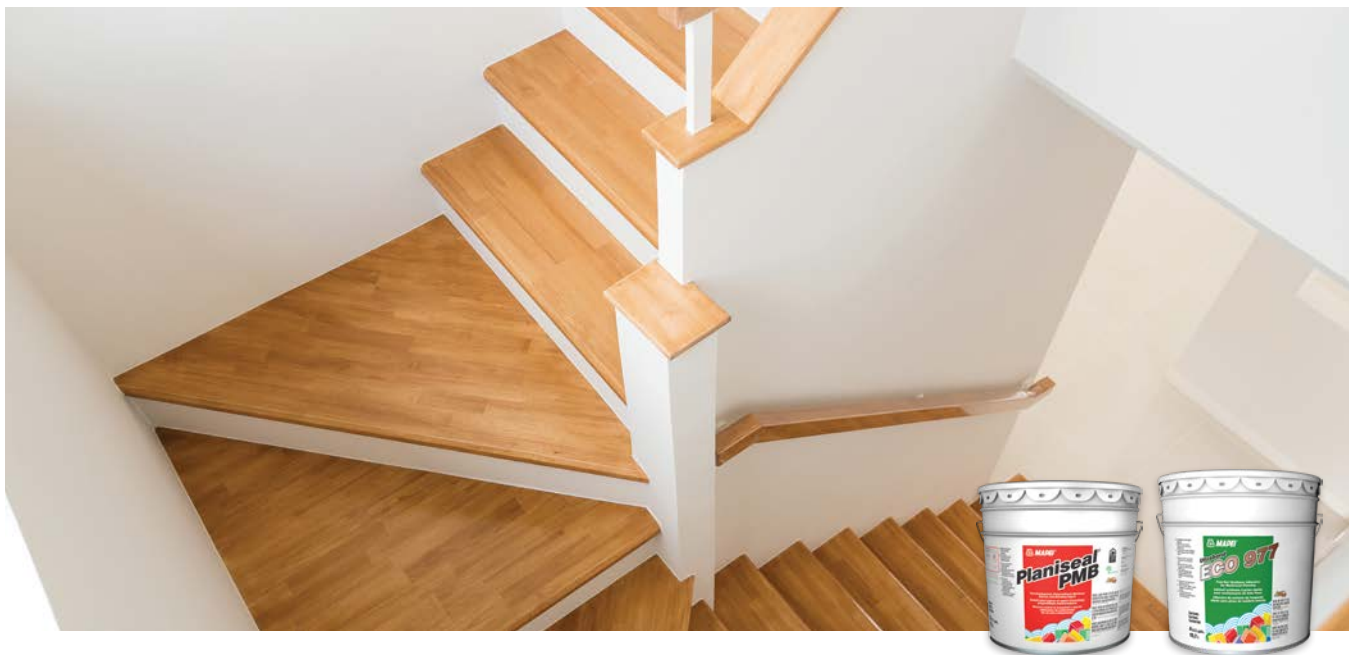
* 6" (15-cm) concrete slab with no ceiling. Acoustic data files available upon request.

Ultrabond ECO Systems

Solutions for Wood-Flooring Installation

Solutions for fast-track installation and moisture reduction

Sometimes the timetable for installing a wood floor is short, but it still needs to be installed properly with a warranted system of products. MAPEI's fast-track installation solutions offer much shorter installation times as well as reducing the time for allowing traffic.



Solid or engineered pre-finished hardwood flooring
Moisture limits: 25 lbs. (11.3 kg) MVER and 100% RH
Planiseal PMB (single coat) and Ultrabond ECO 977
Time requirements: 4 hours for installing; 6 hours before allowing light traffic

Typical Trowel Coverage

Traditional Method			
Flooring type	Typical trowel	Coverage	Products
Reground rubber and cork underlayment	 $1/16" \times 1/16" \times 1/16"$ (1.5 x 1.5 x 1.5 mm) Square-notch	75 to 95 sq. ft. per U.S. gal. (1.84 to 2.33 m ² per L)	<i>Ultrabond ECO 975</i> <i>Ultrabond ECO 977</i> <i>Ultrabond ECO 980</i> <i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Finger block parquet	 $1/8" \times 1/8" \times 1/8"$ (3 x 3 x 3 mm) Square-notch	50 to 60 sq. ft. per U.S. gal. (1.22 to 1.47 m ² per L)	<i>Ultrabond ECO 975</i> <i>Ultrabond ECO 977</i> <i>Ultrabond ECO 980</i> <i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Engineered wood flooring less than 1/2" (12 mm) thick	 $3/16" \times 5/32"$ (4.5 x 4 mm) Sawtooth	45 to 55 sq. ft. per U.S. gal. (1.10 to 1.35 m ² per L)	<i>Ultrabond ECO 975</i> <i>Ultrabond ECO 977</i> <i>Ultrabond ECO 980</i> <i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Engineered wood flooring between 1/2" and 5/8" (12 and 16 mm) thick	 $1/8" \times 1/4" \times 1/4"$ (3 x 6 x 6 mm) Square-notch	40 to 50 sq. ft. per U.S. gal. (0.98 to 1.22 m ² per L)	<i>Ultrabond ECO 975</i> <i>Ultrabond ECO 977</i> <i>Ultrabond ECO 980</i> <i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Wood flooring greater than 5/8" (16 mm) thick	 $1/4" \times 1/4" \times 1/4"$ (6 x 6 x 6 mm) Square-notch	30 to 40 sq. ft. per U.S. gal. (0.73 to 0.98 m ² per L)	<i>Ultrabond ECO 975</i> <i>Ultrabond ECO 977</i> <i>Ultrabond ECO 980</i> <i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Moisture-Control Method			
Flooring type	Typical trowel	Coverage	Products
Wood flooring greater than 3/8" (10 mm) and less than or equal to 3/4" (19 mm) thick	 V-notch with lift spacers (included in packaging) $3/8" \times 3/16" \times 3/8" \times 1/16"$ (10 x 4.5 x 10 x 1.5 mm)	30 to 40 sq. ft. per U.S. gal. (0.73 to 0.98 m ² per L)	<i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Wood flooring less than 3/8" (10 mm) in thickness	 V-notch with lift spacers (included in packaging) $1/8" \times 1/8" \times 1/8" \times 1/16"$ (3 x 3 x 3 x 1.5 mm)	30 to 40 sq. ft. per U.S. gal. (0.73 to 0.98 m ² per L)	<i>Ultrabond ECO 983</i> <i>Ultrabond ECO 985</i> <i>Ultrabond ECO 987</i> <i>Ultrabond ECO 995</i>
Wood flooring less than or equal to 5/8" (16 mm) thick	 $1/4" \times 1/4"$ (6 x 6 mm) Sawtooth	30 to 40 sq. ft. per U.S. gal. (0.73 to 0.98 m ² per L)	<i>Ultrabond ECO 977</i>



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