



TimberGuard™

Water Based Urethane Wood Floor Coating

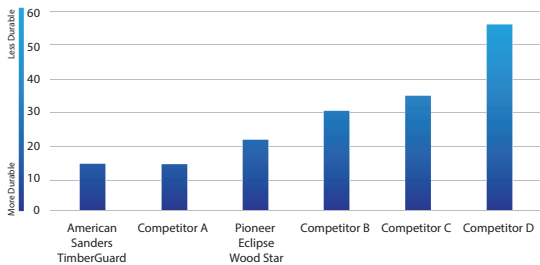


TimberGuard is a single component, water based urethane wood floor coating that is ideal for high-traffic floors in commercial and residential settings. **TimberGuard** is a highly durable coating available in super matte, satin, semi gloss, and high gloss sheens.

- Colorless to ensure the natural wood or stain color appears as intended.
- Low VOC formula.
- Oxidative cross-linked formulation provides durability not available in most single component wood floor coatings.
- Quick dry time – normally 2-3 hours.
- Water soluble which allows for easy clean-up.
- Can be applied with a T-bar, Microfiber Roller (1/4 inch nap), or Cut-in Pad.

TEST RESULTS

Taber Abrasion Test (Total mg Lost)



Taber Abrasion Tests utilize rubber abrading wheels to measure the durability of surface coatings. This blind test, performed by an independent lab, used 500mg CS-10 wheels for 1000 cycles. Low product loss equates to high product durability.

SURFACES



WOOD FLOORS

TECHNICAL DATA

Description	Water based polyurethane coating
Appearance	Milky white liquid
Available Sheens	Super Matte, Satin, Semi Gloss, High Gloss
Hardener	Oxygen
pH ASTM E70-07	7.8
Specular Gloss (60°) ASTM D1455-87 (2008)	High Gloss: >85
	Semi Gloss: 45-50
	Satin: 20-25
	Super Matte: 5-10
Viscosity (Brookfield)	<100 centipoise
Coverage Rate	500-600 ft ² /gal
Dry Time	2-3 hours for first coat
VOC 40 CFR Part 59 Subpart D	<250 g/L
Non-volatile solids ASTM D2834-95 (2008)	32%
Fragrance	Characteristic
Slip Resistance ULTM410	UL Certification Pending
Shelf Life ASTM D1791-93 (2008)	1 year
Density ASTM D1475-13 (2008)	8.7 lb/gal
Detergent Resistance ASTM D3207-92 (2008)	Excellent
Freeze/Thaw ASTM D3209-93 (2008)	Passes 3 cycles
Container	1 gal (3,8 liters), wide mouth (63mm) bottle
	2.5 gal (9,5 liters) bottle



DIRECTIONS*

Read all directions and Safety Data Sheets (SDS) before using.

Compatibility:

TimberGuard is compatible with most stains, sealers, and finishes when used with proper preparation and dry times. However, since stain, sealer and finish results may vary depending on wood species, it is highly recommended that the product be tested on a sample board or in an inconspicuous location to verify that the desired results are achieved.

Sanding And Finishing New Floors:

1. Sand and prepare the floor in accordance with accepted industry association standards.
2. For a stained floor, make your final cut with 80 or 100 grit paper and then screen to 80 or 100 grit. For an unstained floor, make your final cut with 80 or 100 grit paper and then disc/screen to 120 or 150 grit. This burnishing will reduce the amount of grain raise.
3. Vacuum floor thoroughly.
4. Tack with a dry microfiber mop or cloth to remove dust.
5. Apply 1 coat of TimberSeal and 2 coats of TimberGuard. In high traffic residential or commercial areas, a 3rd coat of TimberGuard is recommended. Use a clean applicator for sealer and a separate clean applicator for the finish.

Recommended Applicators:

T-bar, Roller (1/4 inch nap), Cut-in Pad. For best results when rolling, we recommend the Whizz® Microlon™ microfiber roller cover.

Mixing Instructions:

TimberGuard is a single component product which is ready to use without adding a hardener. Do not thin. Do not add water.

1. Shake or stir well for 30-45 seconds. Satin and Semi-Gloss versions of the finish contain additional additives and therefore may require longer mixing.
2. After mixing, insert the supplied filter screen into the mouth of the bottle. It should fit securely.

Finishing:

1. Pour a 4" - 6" wide line of finish along the starting wall, making sure to go with the grain of the wood.
2. Using a clean, pre-dampened applicator, pull the finish forward with the grain of the wood. Use a snowplow angle to maintain a wet edge at all times.
3. At the end of each run, turn the applicator towards you and pad out the applicator parallel to the wet edge.
4. Feather out all turns. Take care to prevent drips from the applicator.
5. It is important to apply the finish at the recommended coverage rate of 500-600 sq. ft. per gallon. Applying the finish too thin prevents it from flowing out evenly, resulting in an uneven sheen or streaking.
6. Allow the first coat to dry 2-3 hours. High humidity and/or low temperature conditions will extend the dry time (recommended conditions of 65-80° F (18°C-27°C) 40-60% relative humidity).
7. To achieve the best results, abrade the floor with a surface prep or conditioning pad before applying the final coat. Note: If more than 24 hours has elapsed since the last coat was applied, you MUST abrade the floor before applying the next coat. Failure to do so may result in inadequate adhesion.
8. After abrading, always vacuum and tack thoroughly with a slightly water dampened microfiber mop or cloth. Allow final coat to dry at least 24 hours before use.

Intercoat Abrasion:

It is not necessary to abrade between coats of TimberSeal and TimberGuard, unless more than 48 hours has passed since the previous coat was applied. Between finish coats, you must abrade if more than 24 hours has elapsed since the last coat was applied. For smoothest results, abrade between all coats as necessary. Always vacuum and tack thoroughly with a slightly water-dampened Microfiber Mop or cloth after abrading.

Curing:

The curing process takes approximately 7 days, (75% cured after 1 day, 90% after 3 days). Light foot traffic is allowed on the floor after 24 hours, but the floor remains susceptible to scuffing or marring until completely cured. Furniture may be placed onto floor after 72 hours (90% cured), but do not drag or slide furniture. Area rugs may be placed on the floor after 7 days when the floor is fully cured. Use only a dry microfiber mop or cloth for cleaning during the first week.

MAINTENANCE

Clean-Up:

Application tools should be cleaned with water and stored in an airtight container. Dispose of any unused product in accordance with local, state, and federal regulations.

Floor Care:

Put walk-off mats at all entrance doorways to minimize dirt and grit. Sweep or vacuum daily and damp-wipe as needed with TimberGuard Daily cleaner. Use felt pads under furniture legs and appliances.

Storage:

TimberGuard should be stored in a climate controlled environment. Keep from freezing. Do not store above 100° F (38° C).

PRODUCT INFO

	Sheen	High Gloss	High Gloss	Semi Gloss	Satin	Super Matte
Product Code		706HGFS	706HGGL3	706SGGL3	706SGL3	706MGL3
Volume		2.5 US gallons (9,5 liters)	1 US gallon (3,8 liters)	1 US gallon (3,8 liters)	1 US gallon (3,8 liters)	1 US gallon (3,8 liters)
Shipping Package		2 x 2.5 gallons (2 x 9,5 liters)	3 x 1 gallons (3 x 3,8 liters)	3 x 1 gallons (3 x 3,8 liters)	3 x 1 gallons (3 x 3,8 liters)	3 x 1 gallons (3 x 3,8 liters)
Pallet Quantity		48	60	60	60	60



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*Limited Warranty/ Disclaimer and Limitation of Remedy

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