



TimberGuard™ PRO

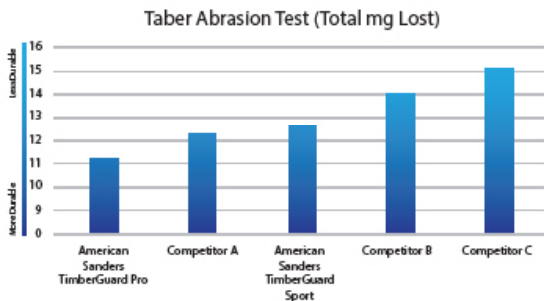
Water-Based Urethane Wood Floor Coating



TimberGuard Pro is an isocyanate cross-linked wood floor coating that offers premium protection and superior durability. This two component, water-based urethane formulation resists scuff marks, heel marks and scratches, making it ideal for both commercial and residential applications.

- The Isocyanate cross-linked formulation delivers industry leading durability.
- Colorless to ensure the natural wood or stain color appears as intended.
- Low VOC formula.
- Available in super matte, satin, semi-gloss, and high gloss sheens.
- 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



This Taber Abrasion Test utilized rubber abrading wheels to measure the durability of each coating. 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	Isocyanate
pH ASTM E70-07	7.8
Specular Gloss (60°) ASTM D1455-87 (2008)	Super Matte: 5-10
	Satin: 20-25
	Semi Gloss: 45-50 High Gloss: >85
Viscosity (Brookfield)	<100 centipoise
Coverage Rate	450-500 ft ² /gal
Dry Time	2-3 hours for first coat
VOC 40 CFR Part 59 Subpart D	<275 g/l (with hardener)
Non-volatile solids	34% (with hardener)
Franchise	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
Pot Life	4 hours, once the hardener is added to the finish. This product can only be mixed once.
Container	1 gal (3,8 liters), wide mouth (63mm) bottle
	12.8 oz (379 ml) bottle (Hardener)



DIRECTIONS*

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

Compatibility:

TimberGuard Pro 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 Pro. In high traffic residential or commercial areas, a 3rd coat of TimberGuard Pro 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 Pro is a two component product which must be mixed to achieve proper performance. Do not thin. Do not add water.
1. Shake or stir well for 30-45 seconds. Satin and Semi-Gloss version of this finish contain additional additives and therefore may require longer mixing.
 2. Pour the hardener directly into the TimberGuard Pro bottle. One 13 oz. bottle of hardener will activate one gallon of finish. To mix finish in amounts other than 1 gallon, use a 1:10 ratio.
 3. Place the lid on the bottle and immediately shake or stir mixture vigorously for 30-45 seconds.
 4. After mixing, insert the supplied filter screen into the mouth of the bottle. It should fit securely.
 5. Let sit for 10 minutes before applying. TimberGuard Pro cannot be re-hardened.

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

PRODUCT INFO

	Sheen	Super Matte	Satin	Semi Gloss	High Gloss
Product Code	708MGL2	708SGL2	708SGGL2	708HGGL2	
Volume	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 1 gallons w/2 x 12.8 oz hardener (2 x 3,8 liters w/2 x 379 ml hardener)	2 x 1 gallons w/2 x 12.8 oz hardener (2 x 3,8 liters w/2 x 379 ml hardener)	2 x 1 gallons w/2 x 12.8 oz hardener (2 x 3,8 liters w/2 x 379 ml hardener)	2 x 1 gallons w/2 x 12.8 oz hardener (2 x 3,8 liters w/2 x 379 ml hardener)	2 x 1 gallons w/2 x 12.8 oz hardener (2 x 3,8 liters w/2 x 379 ml hardener)
Pallet Quantity	60	60	60	60	

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 450 - 500 sq. ft. per gallon. Applying the finish too thin prevents it from flowing out evenly, resulting in an uneven sheen or streaking.
6. For best results, allow the first coat to dry at least 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.

Pot Life:

Once the finish and hardener are mixed together, the product must be used within 4 hours. Product properties are diminished after 4 hours. The finish and hardener can only be mixed together one time. Do not recap the mixed finish until after 4 hours to avoid pressure build up in the bottle.

Intercoat Abrasion:

It is not necessary to abrade between coats of TimberSeal and TimberGuard Pro, 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.

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*Limited Warranty/ Disclaimer and Limitation of Remedy

Amano Pioneer Eclipse Corporation (APEC) warrants this product for a period of one (1) year from the date of purchase to be free from manufacturing defects that result in the product failing under normal and proper use. The warranty applies only to product that is for the customer's own use (and not for resale) and that is new and unopened on the date of purchase directly from APEC or from APEC's authorized distributors. Customer is responsible for determining the suitability of the product for its intended use. The sole and exclusive remedy for product determined to be defective shall be replacement of that portion of the product that is determined to be defective. To the extent permitted by law, all other warranties, express or implied, with respect to the product are hereby disclaimed and excluded. APEC shall not be liable for any loss or damage, including incidental consequential damage, arising from the use of the product. Any alteration of the terms of this paragraph must be in writing and signed by an authorized official of APEC.

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