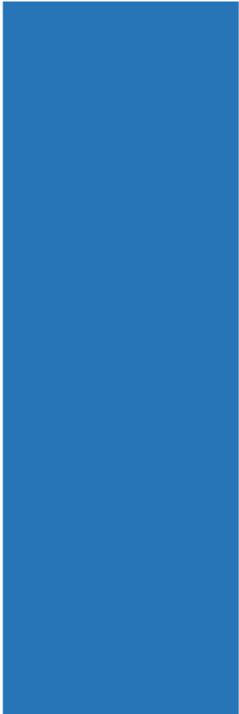


LVT Floor Maintenance Method Bulletin



A complete line of Multi-Clean® products and recommended maintenance procedures for a total floor care program on Luxury Vinyl Tile (LVT), Vinyl Sheet, Vinyl Composition Tile (VCT), Genuine Linoleum Rubber, Rubber Studded Flooring, Synthetic Gym Flooring, Rubberized Athletic Flooring

Zyme-X
Endura-Shine



©2021 Multi-Clean
All rights reserved



Procedures in this Method Bulletin: There are three different processes in this method bulletin that can be used alone or in combination to keep floors looking great with less maintenance.

1. Daily Clean and Shine: Endura-Shine can be used as a daily cleaner to remove soils and restore shine gradually using an automatic scrubber or mop and bucket.

2. Deep Clean Restoration: Floors that receive heavy use can become scratched, gouged, and embedded with soils. Textured flooring that creates a 3-dimensional appearance and raised rubber studded floors present added maintenance challenges. Deep cleaning these floors with Zyme-X Deep Cleaner/Degreaser followed by application of Endura-Shine makes these floors easier to clean and restores luster.

3. Rejuvenate and Protect: Endura-Shine can help protect low maintenance flooring like Luxury Vinyl Tile (LVT) from scuffing, scratching and marking. Whether new or existing flooring, protection with Endura-Shine makes floors easier to clean and leaves a lustrous shine.

Daily Clean and Shine

Endura-Shine can be used as a daily cleaner to remove soils and restore shine gradually using an automatic scrubber or mop and bucket.

Scrubber Method:

Dilution Rate: 2-4 oz per gallon

1. Dilute Endura-Shine at a rate of 2-4 oz per gallon of water in the solution tank of the scrubber.
2. Dust mop floor to remove grit and debris from floor.
3. Scrub floor using a 'scrub and shine pad'* or red pad daily to clean and gradually restore a shine to the floor.

Mop and Bucket Method:

Dilution Rate: 4-6 oz per gallon of Water

1. Dry dust mop floor first to remove grit and debris.
2. Dilute Endura-Shine with water in a dual chamber mop bucket. A single chamber mop bucket is not recommended.
3. Using a clean mop, moisten mop and wring out excess so mop is not dripping, damp mop the floor.
4. After mopping, wring the mop out in the dirty solution chamber, the re-wet in the clean solution chamber and continue to mop the floor.
5. Wait until the floor is dry before opening to traffic.

TIPS:

1. "Scrub and Shine" Pads are specially developed to combine cleaning performance with shine restoration.
2. For heavily soiled floors, consider damp mopping or scrubbing floors using Zyme-X first, then followed using Endura-Shine.

Deep Clean Restoration:

Floors that receive heavy use can become scratched, gouged, and embedded with soils. Textured flooring that creates 3-dimensional appearance and raised rubber present added maintenance challenges. Deep cleaning these floors with Zyme-X Deep Cleaner/Degreaser followed by application of Endura-Shine makes these floors look better and are easier to clean.

Deep Clean Procedure:

1. Dilute Zyme-X with water at 4 oz / gallon.
2. Apply solution to floor with a mop & bucket, or use an automatic scrubber.
3. Allow the solution to remain on the floor 1-5 minutes, then scrub using a nylon scrub brush on a floor machine or autoscrubber. Pick up any solution remaining with the scrubber or a wet dry vacuum.
4. Rinse the floor with a generous amount of water, then pick up with a wet dry vacuum. Alternatively, scrub rinse the floor using an autoscrubber and plain water.

Restore Procedure:

1. After deep cleaning, allow floor to dry.
 2. First Coat: Dilute Endura-Shine 32 oz/gallon water in a mop bucket.
 3. Using a finish mop, apply a thin coat over the floor and allow to dry 30 minutes.
 4. Second Coat: Dilute Endura-Shine 16 oz/gallon water in a mop bucket.
 5. Apply the second coat using the finish mop. Do not apply additional coats.
 6. Maintain floor daily using Zyme-X at a dilution of 2 oz per gallon of water.
 7. Re-Apply Endura-Shine every 2-4 months or as needed. For subsequent coats always use at 16 oz/gallon.
-

Rejuvenate and Protect:

Endura-Shine can help protect low maintenance flooring like Luxury Vinyl Tile (LVT) from scuffing, scratching and marking. Whether new or existing flooring, protection with Endura-Shine makes floors easier to clean and leaves a lustrous shine.

For floors in overall good condition, simply clean the floor first with Zyme-X, then protect with Endura-Shine.

1. Clean floor thoroughly by mopping or scrubbing using a solution Zyme-X diluted 2-4 oz per gallon.
2. Floor should not show any embedded dirt, otherwise follow deep cleaning process above.
3. 1st Coat: Dilute Endura-Shine with cool water at 32 oz/gallon in a clean mop bucket.
4. Apply a thin coat of Endura-Shine using a finish mop.
5. 2nd Coat: Dilute Endura-Shine 16 oz/gallon water.
6. Apply a thin coat of Endura-Shine. Allow to dry 30-60 minutes before opening the floor to traffic.
7. Re-apply as needed, usually about every 1-4 months. Use at 16 oz/gallon dilution.

Luxury Vinyl Tile (LVT)

Commercial LVT is a vinyl based, multi-layered flooring product that comes in multiple shapes and styles. Many LVT lines are designed to simulate natural surfaces like real wood or natural stone.

Recommendations for Care and Maintenance

Care and Maintenance varies with each manufacturer, LVT is sold as low maintenance flooring that does not require the use of a seal or finish. LVT flooring comes with a highly durably factory applied finish that is resistant to daily wear and tear. While not required, floor finishes are optional.

Cleaning and Maintenance Challenges

Wear and tear: LVT Floors can get scratched or gouged overtime. For heavy traffic areas, or areas under furniture, scratching can become evident that detracts from appearance and collect soil.

Cleaning: Many LVT floor designs are textured to simulate natural surface like wood. This texturing also enhances slip resistance when such floors get wet. The challenge is the texturing creates soil collection points. This soil can be difficult to remove with daily cleaning.

Endura-Shine Process: Click on one of the maintenance processes below for details steps.

Daily Clean and Shine: For daily maintenance of flat, non-textured floors in good condition.

DEEP CLEAN Restoration: For heavily soil, scratched and worn floors.

Rejuvenate and Protect: For floors in good condition or floors that have been deep cleaned.

NOTE: If previous maintenance of the floor involved finishing/waxing, the finish should be removed first. Ultra Stripper used 16 oz/gallon water is safe for use on LVT Flooring.

Raised Studded Rubber Flooring

A specialty resilient floor surface made from natural rubber. The flooring, usually light gray or black in color has raised circular (about 1 in diameter) or rectangular studs that help maintain slip resistance when the floor gets wet. It is often used for stair tread or in areas that may likely be wet.

Recommendations for Care and Maintenance

Care and Maintenance varies with each manufacturer, Rubber Studded Flooring is sold as low maintenance durable flooring. A conventional seal or finish is never recommended on this type of flooring.

Cleaning and Maintenance Challenges

Wear and tear: Rubber studded floors can get scratched and worn looking overtime. Inconsistent appearance can develop in high traffic vs lower traffic areas.

Cleaning: While the studs in the flooring add an element of safety, the base of these studs are a collecting point for soils that are not easily removed with normal cleaning.

Endura-Shine Process: Click on one of the maintenance processes below for detailed steps.

DEEP CLEAN Restoration: For heavily soil, scratched and worn floors.

Rejuvenate and Protect: For floors in good condition or floors that have been deep cleaned.

NOTES ON DAILY CLEANING: To keep rubber studded floors clean, use an automatic scrubber equipped with a softer brush using Zyme-X (2-4 oz / gal) for best results. On stair treads, damp mop with Zyme-X (2-4 oz / gal). For stair treads, periodically scrubbing with a deck brush or motorized brush tool will help keep stair treads looking their best.

Synthetic Gym Flooring

A cushioned resilient surface designed for gymnasium floors. This type of flooring may have different composition, but overall maintenance is the same.

- Pad and pour polyurethane: consists of a poured urethane material. It will be a continuous, seamless floor.
- Rubber flooring is made from natural rubber.
- Vinyl sometimes referred to as PVC.

Recommendations for Care and Maintenance

Cleaning and Maintenance Challenges

Scuffing and marking: These floors can be subject to marking from athletic shoes, street shoes, balls, pucks and other materials.

Cleaning is easy, but seams in rubber or PVC can be direct collection points, Removing of marks can be difficult and time consuming.

Endura-Shine Process: Click on one of the maintenance processes below for detailed steps.

Daily Clean and Shine: For daily maintenance of flat, non-textured floors in good condition.

Rejuvenate and Protect: For floors in good condition or floors that have been deep cleaned.

Zyme-X

Floor Cleaning: Zyme-X can be safely used at 2-4 oz per gallon on a wide variety of flooring including VCT, Luxury Vinyl Tile, Linoleum, Rubber, Ceramic, Porcelain, Marble, Granite, Wood, and Laminates.

Floor Degreasing: Zyme-X at 4-6 oz per gallon can be used for floor degreasing in kitchens, food processing areas and other floors that become greasy and slippery.



Use on quarry tile floors, epoxy or urethane floors, sealed or polished concrete.

Directions

Light Duty Cleaning Maintenance 2 oz/gallon (1:64)
 Medium Duty Cleaning 4 oz/gallon (1:32)
 Heavy Floor Maintenance 6 oz/gallon (1:20)

1. Dilute according to soil conditions using warm water.
2. Apply solution onto floor using mop or automatic scrubber.
3. Allow solution to penetrate soil.
4. If needed, brush floor with a stiff bristle brush.
5. Pick-up solution or squeegee to drain.

Endura-Shine

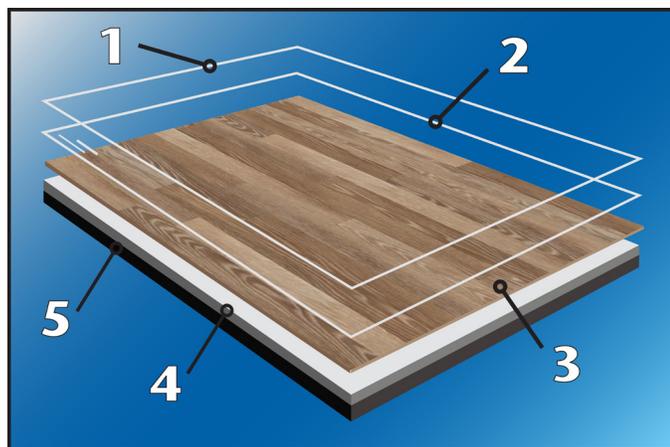
Endura-Shine is a blend of waxes, polymers, and detergents designed to clean, protect, and rejuvenate resilient and non-resilient floor surfaces. Floors protected with Endurashine are more slip resistant and easier to clean. When used as directed, Endura-Shine will not leave a build up on floors and does not require stripping.



DIRECTIONS:

1. Deep clean floor using Zyme-X at 1:32 (4 oz/gallon).
2. Rinse cleaned floor with plain water (scrub or mop).
3. Dilute Endura-Shine 1:4 (32 oz/gallon, first application).
4. Apply a thin coat of Endura-Shine using a rayon string mop, allow to dry 10 - 20 minutes.
5. Maintain daily by cleaning with Zyme-X.
6. Additional applications of Endura-Shine, dilute 1:8 (16 oz/gallon).

Note: On textured or embossed flooring, do not use a flat mop.



Anatomy of an LVT Floor

- 1 Wear layer- polyurethane UV cured coating provides stain and scratch resistance.
- 2 Laminate layer- provides a seal for the print layer.
- 3 Print layer- some are manufactured with realistic, 3D visuals that look like wood, ceramic or stone.
- 4 Fill layer- Stability layer for indentation resistance.
- 5 Backing layer- Sound absorbing layer with textured grip.



**Floor Coating and Finishing
 Material As To Slip Resistance
 Only SA45311**



600 Cardigan Road,
 Shoreview, Minnesota
 Phone: 651-481-1900
 www.multi-clean.com

Always follow directions found on container and read SDS for each product prior to use.