



# MEDAMA IRONCOATPR

LVT, Terrazzo, VCT, and Concrete Coating

**Medama IroncoatPR** is a tough and resilient floor coating. Use on LVT, terrazzo, VCT, sheet goods, rubber floors, and polished concrete for outstanding chemical resistance, as well as incredible appearance, and maintenance cost savings advantages. Specially formulated for use in high traffic/scratch prone areas where frequent burnishing is not an option such as; Patient Rooms, Operating Rooms, Emergency Rooms, Nursing Stations, ICU, CCU etc.

## Outstanding Characteristics

- **BURNISHING NOT NECESSARY**
- No special application training needed
- Apply with a flat head mop
- Smooth and fast leveling off the mop
- Low frequency for re-polishing
- Excellent mar and scuff resistance
- Very fast dry: 20-40 minutes per coat
- Two (2) coat application
- Excellent gloss retention
- Excellent hand sanitizer resistance, no white spots and superior repairability



## Additional Advantages

- Extended pot-life, 12 hrs
- Strippable with Medama Power Strip
- Floors clean faster
- Excellent adhesion properties
- Eliminate environmental dust caused from acrylic finishes and frequent burnishing
- Low odor
- Low VOC (<19t) and Rule 1113 complaint (<100g/l)
- Resists yellowing
- Clean with Medama Super Shield



**Product Order # TMSIRONCOATPR**

# **Medama IroncoatPR Mop-on Catalyzed Floor Coating**

## **High Performance LVT, Terrazzo & VCT Sealer**

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### **Performance where you need it most!**

Terrazzo and VCT are installed for extreme durability in high traffic areas. High traffic areas requires a fast dry and durable coating for demanding environments.

### **Terrazzo - No diamond grinding!**

Terrazzo requires a coating to protect from stains and to prolong the life of the floor. Diamond grinding terrazzo floors has become a common way to maintain an acceptable appearance and gloss. However, diamond grinding has draw-backs. It is extremely labor intensive, not stain or chemical resistant, and can cause premature degradation of the floor.

### **VCT - Gloss in two coats!**

VCT (vinyl composite tile) is composed of limestone, pigments, resin and plasticizer making it a very porous substrate and difficult to achieve a gloss coating. Until the introduction of Medama IroncoatPR, other diamond pad coating systems have not been labor savers. Other polishing systems require several coatings, have short lived shine, and require frequent replenishing and diamond polishing.

### **The best of both worlds!**

Medama IroncoatPR provides the ease of application of a standard acrylic coating with the performance of a premium grade roll-on urethane coating. No special training is needed, simply apply two coats with a flat micro fiber mop.



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### Product Advantages



#### Mop-on Application

With Medama IroncoatPR, there is no learning curve. Move right from traditional acrylic coating to using Medama IroncoatPR. Use a micro Fiber flat mop for a smooth and easy application.

#### High Gloss Coatings

The best flat mop coating for fast gloss. Medama IroncoatPR has a long lasting coating, typically lasting 8-10 times longer than other two component sealers.

#### Only Two Coats

The high solids formulation will provide maximum protection and gloss in only two coats.

#### Fast Leveling, Fast Dry, Fast Polish

Resists mop streaking and lines. Medama IroncoatPR levels immediately off the mop, making it the choice for any application. Large open area, no problem. Heavy air flow, not a problem. The first coat will dry in approximately 15-20 minutes. The second coat dries in 20-40 minutes. After the two coats are dry, the job is done, allowing for the fastest floor turn-time and maximum protection.

#### Durability and Chemical Resistance

Medama IroncoatPR has excellent scratch and mar resistance. It provides maximum protection with minimal maintenance. The chemical resistance is outstanding and hand sanitizer will not leave "white spots" on the floor. Minor blemishes are easily polished away without sacrificing the durability of the finish.

#### Save Money, Save Maintenance, Save Time

Medama IroncoatPR floor coating answers the challenges of VCT and terrazzo odors. It is non-yellowing with low-odor, making it suitable for most environments. Coverage per one (1) gallon kit is 1600-1800 square feet.

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## High Performance LVT, Terrazzo & VCT Sealer

<b>Coating Type</b>	High Performance 2-part Urethane
<b>Application Method</b>	Micro Fiber Flat Mop
<b>Dry Time</b>	20-40 Minutes, Per Coat
<b>Coats Recommended</b>	2
<b>Solids - By Volume % (Catalyzed)</b>	25±0.5%
<b>Pot-Life</b>	8 Hrs, at Room Temperature
<b>Coverage</b>	1600-1800 SF per Gallon Kit
<b>Weights Per Gallon (Catalyzed)</b>	8.55 - 8.60
<b>VOC's</b>	<1% Consumer Goods Regulations <10 g/l Architectural Regulations
<b>Gloss @ 60° Angle</b>	Two Passes
<b>Brush Resistance</b>	Excellent
<b>Cure Cycle - Average</b> (Note: Minor scuffs or mar that may occur are easily repairable with quick polish)	2 Hrs Dry, No Polish (50-60%) / 2 Hrs Dry, with Polish (75%); 6-10 Hrs, With or Without Polish (80-85%); 36-48 Hrs (90-95% Cured / 5 Days (Full Cure)
<b>Scuff/Mar Resistance &amp; Repair</b>	Excellent
<b>Black Heel - Resistance &amp; Release</b>	Excellent
<b>Adhesion (Crosshatch Test)</b>	Pass 100%
<b>SCOF</b>	ADA Compliant > 0.60
<b>Hardness</b>	8-9H (Pencil)
<b>Impact Resistance</b>	Flexible - No Cracking

### CHEMICAL RESISTANCE

<b>Betadine (15 Min Spot)</b>	Minor Effect, Slight Stain	<b>Betadine (15 Min Spot)</b>	NE
<b>Cleaner - Amine base, concentrate</b>	Minor Effect, Recovered	<b>Citrus Based Cleaner</b>	NE
<b>Hand Sanitizer, Foam</b>	Minor Effect, Repaired With Polish	<b>Cleaner - Acid Based</b>	NE
<b>IPA (70%) (15 Min. Spot)</b>	Slight Effect, Recovered	<b>Hand Sanitizer - Gel Type</b>	NE
<b>Mustard, Yellow</b>	Minor Effect, Very Faint Stain	<b>Hydrogine Peroxide</b>	NE
<b>Vinegar, Apple Cider</b>	Minor Effect, Repaired With Polish	<b>Water, Early Resistance (&lt;12hrs)</b>	NE
<b>Red Wine</b>	Minor Effect, Clean, Non-Amine Cleaner, Very Faint Stain, Repairable		

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## High Performance LVT, Terrazzo & VCT Sealer

### APPLICATION INSTRUCTIONS

For best results it is recommended that the surface be stripped, cleaned, dry and dull to ensure proper adhesion and best appearance of Medama IroncoatPR.

1. Remove all furniture and obstructions from the room.
2. Remove existing finishes with Medama Power Strip.
3. After preparation is complete, with a clean damp micro fiber mop, mop in two directions; north/south then east/west. This will remove any small particles and dust from burnishing.
4. Tape doorway edges or any other areas to protect from coating drips or smears.
5. Open the gallon Part A container.
6. Pour 16 oz. Part B into Part A.
7. Replace cap and gently agitate the gallon container with a rocking motion.
8. Pour a puddle of the catalyzed Medama IroncoatPR on the floor.
9. Place the clean/dry micro fiber mop in the puddle. Move the mop head back and forth into the puddle until the mop is completely saturated (primed) with floor coating.
10. Pour a controlled amount of Medama IroncoatPR on the floor and apply either in a figure-8 or t-bar method. Note: Apply product very thinly, approx. 1 mil (coverage 1600-1800 SF/gal)  
**CAUTION:** Overbuild can result in extended dry times, pooling in low areas, and surface flash drying.
11. Wrap mop head in plastic bag. Set aside the mop for applying the 2nd coating.
12. Allow Medama IroncoatPR to thoroughly dry. Dry times will vary based on temperature, humidity and air movement.
13. Apply a second coat of Medama IroncoatPR with the primed out micro fiber mop.
14. Allow coating to dry.

The floor is now ready. Daily clean with Medama Super Shield. Protect heavy traffic area with matting. Use floor protection pads under desk chairs. Use chair leg protectors.



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## High Performance LVT, Terrazzo & VCT Sealer

### DAILY MAINTENANCE & REPAIR TIPS

**Daily cleaning:** Maintain Medama IroncoatPR using Medama Super Shield at 1 oz. per gallon of water.

**Pads recommended for daily cleaning:** Use nonabrasive type pads. The softer and non-abrasive the pad, the longer the coating will last. Abrasive pads contribute to the degradation of the film layer of Medama IroncoatPR. Use more aggressive pads only in deep scrub and/or repairs.

**Repairing minor scratches:** Start with a 3000 grit diamond pad. With a high speed burnisher, move back and forth across the area around the blemished area. If the 3000 pad is not coarse enough to remove deeper scratches, switch to a 1500 diamond pad. Dust mop the area with a clean micro fiber flat mop, twice in opposite directions.

**Repairing deep scratches without stripping coating:** Occasionally, there will be a need to repair areas where deep scratches have occurred. If the scratch and/or gouge is deep into the floor, extra steps are expected to "blend" the damaged area into the existing coated area. Equip a 200 grit diamond pad on a high speed burnisher. Quickly move the burnisher back and forth until the gouge is blended into the existing floor area. The 200 grit pad will be aggressive enough to cut through the coating while at the same time keeping the edges around the area feathered out, aiding in an easier transit on of the reapplication. When the gouge is blended, follow up with conditioning the area with a 400 or 800 grit pad on the burnisher. This step will decrease the porosity of the surface in the repaired area, allowing for the new coating to blend more closely to the adjacent coated area. Next, visually section off an area around the repaired area for coating reapplication. Follow the standard preparation and application procedures for Medama IroncoatPR. After the coating is applied and dry, use a 1500 or 3000 diamond pad on burnisher to blend the old and newly coated areas.

**Chemical blemishes:** Occasionally, chemicals can blemish an area of the floor, this is the most common with foam based hand sanitizer. After the chemical has been gently wiped away, allow the coating to recover and set. Then, with Medama Super Shield mixed at 8 oz. per gallon, gently wipe any greasy film residue. Allow the floor to dry. After the area has dried, with a burnisher and a 3000 grit diamond pad, recondition the area.

**Refinishing without complete removal:** Deep scrub with Medama Super Shield(1 oz. per gallon water) using 800 grit diamond pad on low speed swing machine. Rinse with clean water. Use auto scrubber for best results. Dust mop the area with a clean micro fiber flat mop, twice in opposite directions.

**Complete removal and reapplication:** Use Medama Power Strip at 4-parts water to one-part stripper. Follow standard procedures for floor coating removal. Reapply Medama IroncoatPR.

