

# Milair Luxury Veneers

## Veneer Polishing Guidelines

### 1. Surface Preparation

- Ensure the veneer surface is clean, dry, and free from dust, oil, and moisture.
- Lightly sand the surface with 320–400 grit sandpaper along the grain direction.
- Remove all sanding dust using a microfiber cloth or compressed air.

### 2. Recommended Polish Systems

- Polyurethane (PU)
- Water-Based PU
- Melamine Finish
- Natural Oil Finish

### 3. Recommended Finish Levels

- Matt (10–20% Gloss)
- Satin (30–40% Gloss)
- Semi-Gloss (50–60% Gloss)
- High Gloss (90–100% Gloss)

### 4. Recommended Application Process

1. Surface Sanding (320 Grit)
2. Wood Sealer – 1 Coat
3. Fine Sanding (400 Grit)
4. PU Primer – 2 Coats
5. Intermediate Sanding (600 Grit)
6. PU Top Coat – 2 Coats
7. Final Curing: 24–48 Hours

### 5. Drying & Curing

Between coats: 4–6 hours (or as recommended by the polish manufacturer).  
Full curing: 5–7 days.

### 6. Environmental Conditions

Temperature: 20–30°C

Relative Humidity: 45–65%

Apply in a clean, dust-free environment and avoid direct sunlight.

### 7. Care & Maintenance

- Clean with a soft microfiber cloth only.
- Avoid abrasive cleaners and harsh chemicals.
- Wipe spills immediately.
- Protect surfaces from prolonged moisture and direct sunlight.

### 8. Important Notes

- Always perform a trial on a sample panel before production.
- Application should be carried out by experienced polish professionals.

- Natural colour and grain variation are inherent characteristics of genuine wood veneers.

### Recommended Polish Selection

| Application              | Recommended Finish   |
|--------------------------|----------------------|
| Luxury Furniture         | PU Matt / Satin      |
| Wall Panels              | PU Matt              |
| Doors                    | PU Semi-Gloss        |
| Hospitality & Commercial | High-Durability PU   |
| High-Traffic Areas       | Scratch-Resistant PU |
| Eco-Friendly Projects    | Water-Based PU       |

**Disclaimer:** These guidelines are intended as general recommendations. Final polishing procedures should be validated by the polishing contractor based on site conditions, veneer species, and the selected coating system.