



AFP & GLOSS LAMINATE
PROCESSING GUIDELINES

Processing Guidelines for Stylam Anti-Fingerprint Laminate

Stylam Anti-Fingerprint Laminates are designed to deliver an ultra-matte, smudge-resistant surface perfect for modern applications. To achieve optimal results and maintain the unique properties of the laminate, follow these detailed processing guidelines:

1. Storage and Handling

- **Storage Conditions:** Store flat in a cool, dry environment with temperatures between 18–25°C and relative humidity of 50–65%. Avoid exposure to direct sunlight, moisture, or temperature extremes.
- **Handling:** Always handle with care to avoid surface damage. Use clean gloves to prevent oil or dirt transfer onto the surface.

2. Conditioning

- Allow the laminate and substrate to acclimate to the processing environment for 48 hours before fabrication.
- Ensure temperature and humidity are consistent to prevent dimensional changes.

3. Cutting and Machining

- **Tools:** Use sharp, carbide-tipped tools or diamond-tipped blades for cutting and machining to ensure clean edges.
- **Cutting Technique:** Cut with the decorative surface facing upwards to minimize the risk of chipping. Use a steady feed rate.
- **Edge Smoothing:** Finish edges with fine sandpaper or filing tools to prevent roughness.

4. Drilling

- Use drill bits with a point angle of 60°–80°. Drill at moderate speeds with light pressure.
- Support the laminate on the back to avoid splintering during drilling.

5. Bonding

- Ensure the substrate surface is clean, dry, and free of grease or dust.
- Use high-quality contact adhesives or PUR adhesives suited for decorative laminates.
- Apply uniform pressure during bonding to ensure even adhesion and avoid air bubbles.

6. Cleaning and Maintenance

- Clean with a damp, soft microfiber cloth and mild soap solution.
- Avoid abrasive pads, harsh chemicals, or ammonia-based cleaners to preserve the anti-fingerprint properties.

PROCESSING GUIDELINES FOR STYLAM HIGH-GLOSS LAMINATE

STYLAM HIGH-GLOSS LAMINATES OFFER A REFLECTIVE, MIRROR-LIKE FINISH IDEAL FOR LUXURY INTERIORS. PROPER HANDLING AND PROCESSING ARE ESSENTIAL TO PRESERVE THEIR HIGH-GLOSS SURFACE. FOLLOW THESE GUIDELINES FOR BEST RESULTS:

1. Storage and Handling

- **Storage Conditions:** Store flat in a clean, dry area, protected from direct sunlight and humidity. Maintain a temperature range of 18–25°C and relative humidity of 50–65%.
- **Protective Layer:** Keep the protective film intact during storage and processing. Only remove it after installation to prevent scratches.
- **Handling:** Handle with care to avoid scratches or smudges. Use clean gloves to prevent fingerprints or oil transfer.

2. Conditioning

- Allow the laminate and substrate to acclimate to the same environment for at least 48 hours before fabrication to prevent warping.

3. Cutting and Machining

- **Cutting Tools:** Use sharp, carbide or diamond-tipped blades with fine teeth for clean, chip-free cuts.
- **Protective Film:** Keep the protective film on during cutting and machining to shield the surface.
- **Edge Finishing:** Sand edges with fine-grit sandpaper to achieve a smooth finish.

4. Drilling

- Use drill bits with a low feed rate and moderate speed to prevent cracking or chipping.
- Drill from the decorative side, supporting the underside to avoid splintering.

5. Bonding

- Ensure both the laminate and substrate are clean, dry, and free from grease or debris.
- Use appropriate adhesives, such as contact adhesives or PUR adhesives, to ensure a strong bond.
- Apply uniform pressure during bonding to eliminate air pockets.

6. Cleaning and Maintenance

- Clean with a soft microfiber cloth, warm water, and mild detergent.
- Avoid abrasive cleaners, steel wool, or harsh chemicals to maintain the high-gloss finish.
- For stubborn stains, use a non-abrasive cleaner suitable for high-gloss surfaces.

GENERAL DISCLAIMER: THESE GUIDELINES ARE INTENDED AS GENERAL RECOMMENDATIONS FOR THE PROCESSING OF STYLAM LAMINATES. ACTUAL RESULTS MAY VARY DEPENDING ON TOOLS, TECHNIQUES, AND ENVIRONMENTAL CONDITIONS. IT IS RECOMMENDED TO PERFORM PRELIMINARY TESTS TO ENSURE SUITABILITY FOR SPECIFIC APPLICATIONS.

Reach out!



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