

AP 110 (OC) Open Cell SPF System

Recommended Processing Parameters

A-Side Heater: 105–140°F	Min Application Temp: >40°F
B-Side Heater: 105–140°F	Substrate Temp: 40–120°F
Hose Temp: 105–140°F	Moisture (Wood): ≤19%
Recirc Temp: 75–80°F	Ambient Humidity: <85%
Processing Pressure: 1000–1500 psi	

Application Steps

1. Check Substrate Conditions

- Clean and free of oil/grease
- Dry, moisture ≤19%,

2. Set Equipment

- Use proportioner with 1:1 ratio pumps
- Verify heaters/hoses are at the recommended temps

3. Test Spray

- Spray on cardboard/plastic to confirm foam quality
- Adjust temperature/pressure as needed

4. Apply Foam

- Spray in passes to build thickness.
- Monitor foam rise and adhesion.

5. Ventilate

- Minimum: 0.3 Air Changes per Hour (ACH).
- Ventilate during spray and for 24 hrs after.

Substrate Temp	Equipment Temp
40–50°F	130°F
50–70°F	125°F
70–115°F	120°F
>115°F	115°F

Optimal Pressure	Starting Point
1000–1500 psi	1300 psi

Rise Time	Adjustment
<5.5 seconds	Too Hot - Decrease Temps
6 seconds	Ideal - No Change Needed
>7 seconds	Too Cold - Increase Temps

Key Reminders

- Optimal spray results between 1000–1500 psi.
- Adjust temps based on conditions (cold weather may need higher settings).
- Remove and reapply foam if sprayed on wet or contaminated surfaces.
- Dispose of chemicals and containers per local regulations.
- Flush ISO lines only with ISO; flush resin lines with water when changing products.

Contact Us for Additional Tech Support

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