

DO IT RIGHT OR GET OUT

A CONVERSATION ABOUT SPRAY FOAM, QUALITY CONTROL, AND
SEPARATING YOURSELF IN THE INDUSTRY.

PRESENTED BY JOEL KEDDLE

DO IT RIGHT OR GET OUT

WHAT WENT WRONG?

- *Sprayed Too Hot?*
- *Sprayed Too Thick?*
- *Cold Material?*
- *Off-Ratio?*
- *Moisture Issues?*
- *Expired Material?*
- *Bad Chemical?*



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PROCESSING INFORMATION



2.0 HFO WINTER FOAM

General Information

Date: 10/4/24
Contractor: Jdogg foam dudes
Job Address: 100 West Vinewood
Durand MI 48429
Elevation (ft.):

Equipment Information

Proportioner: E30 R3 Graco
Hose Length (ft.): 220 ft
Hose Heat Calibrated: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Heated Whip Installed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air Dryer Installed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Additional Notes

Environmental Conditions

Substrate Type: OSB		Dry: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Clean: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Properly Fastened: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Time	Ambient Temp (F°)	Relative Humidity (%)	Dew Point Temp (F°)	Substrate Temp (F°)	Substrate Moisture Content (%)		
7:40AM	66.7 deg F	61%	44.5	65.2 deg	12%		
A-Side	Lot #: 6345987		Inlet Drum Temperature (F°): 67		Inlet Pressure (psi): 210		
	Expiration Date: 1/25/25		Pre-Heater Temperature (F°): 111		Static/Dynamic Pressure (psi): 1100		
B-Side	Lot #: 8975148		Inlet Drum Temperature (F°): 67		Inlet Pressure (psi): 180		
	Expiration Date: 4/25		Pre-Heater Temperature (F°): 114		Static/Dynamic Pressure (psi): 1190		
Chamber Size: 4242 (01) <input type="checkbox"/> 4747 <input checked="" type="checkbox"/> 5252 (02) <input type="checkbox"/> 6060 (03) <input type="checkbox"/> Other _____ <input type="checkbox"/>					Hose Heater Temp (F°): 111		
Gun Type: Graco Fusion AP <input type="checkbox"/> Graco Fusion PC <input type="checkbox"/> Carlisle ST1 <input type="checkbox"/> Graco Probler P2 <input type="checkbox"/> Other Graco FX _____ <input type="checkbox"/>							
Cracking: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Pinholing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Adhesion (1-10):		Average Drillout Time: _____ mins	
Results: <input type="checkbox"/> Pass <input type="checkbox"/> Fail		Peak Internal Core Temp (F°): 280					
Peak Exothermic Surface Temp (F°): 187		Density: (Weight x 0.00220452) / (Volume) = 3.12 lb/ft ³					

Additional Notes

5" pass

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DENSITY CALCULATOR

Length (Inches)	2.99
Width (Inches)	3.27
Height (Inches)	2.9
Weight (Grams)	26
Density LB/CUFT	3.49

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INEXPENSIVE TOOLS EVERY RIG SHOULD HAVE

Affordable Essentials for Efficiency, Maintenance, and Quality



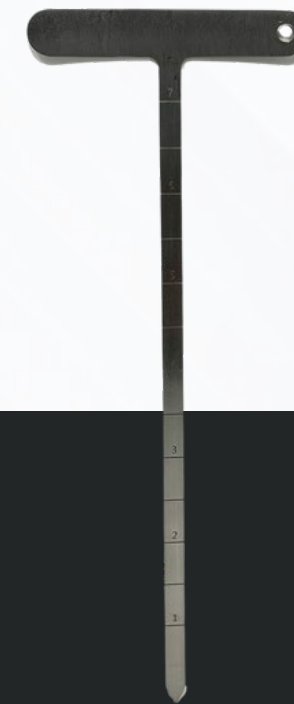
TEMP/ HUMIDITY READER + INFARED THERMOMETER

Use a Temp/Humidity Reader to ensure optimal adhesion conditions and an Infrared Thermometer to verify substrate temperatures before application.



MOISTURE METER

Detect and prevent moisture in substrates, ensuring a proper bond and reducing the risk of foam delamination.



DEPTH GAUGE

Verify spray foam thickness during application to meet specified R-value and building code requirements.



THERMAL IMAGING

Identify heat loss, voids, or inconsistencies in insulation for post-installation quality assurance and customer confidence.



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RESPECT

Why do other trades get it...

But we don't?



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INDUSTRY PERCEPTIONS

01. The perception that anybody with a razor knife and stepladder can be an “insulator”

02. The perception that what we do is less important than what other trades do.

03. Licensing/Ability to pull your own permits.

04. Training / Certifications

5. Fit and Finish.

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Joel gets on his Soap Box

OPEN DISCUSSION

