



Bayer MaterialScience

Bayer MaterialScience LLC
2400 Spring Steubner Road
Spring, TX 77389
P: 281-350-9000 Fax: 281-288-6450

Equipment Survey Form

Contractor Name	City & State
Rig identifier	
Application (circle one)	Roof Insulation Both

Compressor	
Size (hp)	
Gas or Electric (list amps needed)	
Output (cfm)	
Tank size (gallons)	
Air dryer type	

Generator	
Size (KW)	
Amps	

Proportioner, hoses, gun		Amps required	CFM air required
Manufacturer & model #		XXXXX	XXXXX
Power & Air requirements - Single or 3 phase			
Pump Size			XXXXX
Heater wattage			XXXXX
Transfer pump type		XXXXX	
Feed hose length & size		XXXXX	XXXXX
High pressure hose lengths & Sizes		XXXXX	XXXXX
Gun type		XXXXX	
Gun Module size		XXXXX	

Respirators		
Respirator types (circle one)	Supplied Air	Air Purifying
Fresh Air system type		

BMS Review Comments

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Return this page by fax (281-288-6450) or by email to accreditation@bayer.com



Equipment Recommendations

1. Air Supply
 - a. The compressor size needs to be determined by the amount of cubic feet per minute (“cfm”) that the proportioner, transfer pumps and spray gun require. See your equipment operating instructions for cfm requirements, which are typically stated as a cfm flow rate at a certain pressure. Capacity of the compressor should be at least 25% above the sum of the actual equipment requirements.
 - b. Air dryer capacity must be matched to the capacity of the compressor.
2. Electrical Supply
 - a. See your equipment operating manuals for requirements. Capacity of the generator should be at least 20% above the total of the actual equipment requirements.
3. Transfer Pumps
 - a. 2:1 Ratio Drum Pump, (stick pump) capable of 4 gpm minimum per pump
 - b. Transfer or Feed Hoses - $\frac{3}{4}$ inch inside diameter minimum
4. Proportioner- Roofing (H series, or E-30 for smaller projects)
 - a. Output capable of 30 lbs/minute
 - b. Pressure capable of 2000 PSI
 - c. Equipment needs to be able to maintain 120 °F at the gun, and 1000 PSI at the machine, while dispensing material.
5. Proportioner – Wall (H series or E-30)
 - a. Output capable of 25 lbs/minute
 - b. Pressure capable of 2000 PSI
 - c. Equipment needs to be able to maintain 125 °F at the gun, and 1000 PSI at the machine, while dispensing material
6. Hoses
 - a. Hoses need to be no longer than the recommended length per the manufacturer of the proportioner. Any additional length of hose requires auxiliary hose heat. Hose lengths over 200’ require that one half the hose length to be 1/2” diameter.
7. Spray Gun
 - a. Gun designed for the appropriate application, Roofing- mechanical purge, Wall- mechanical or air purge.
 - b. Gun set up needs to be configured to the proportioner and application of the desired product.
8. Coating sprayer
 - a. Capable of 3,000 PSI at flow rate of 1.5 to 2 gallons/minute



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