



## ROOFING SYSTEM

### DAILY SPRAY FOAM CHECKLIST TECHGUARD ROOFING SYSTEM

Date: \_\_\_\_\_

Job Name/Location: \_\_\_\_\_

Applicator (Company Name): \_\_\_\_\_

Foam Mechanic Filling Out This Form: \_\_\_\_\_

Type Equipment Used to Spray Foam: \_\_\_\_\_

Date & Time Since Last Precipitation on Roof Surface: \_\_\_\_\_

PTP SPF System: \_\_\_\_\_ Lot No: \_\_\_\_\_ Drum No: \_\_\_\_\_

Version: Slow ☐ Regular ☐ Fast ☐

Techguard System \_\_\_\_\_ Lot No: \_\_\_\_\_ Drum No: \_\_\_\_\_

Type Substrate: \_\_\_\_\_

1. Type Primer Used (if necessary): \_\_\_\_\_

2. Is Primer Cured? (Spot check foam adhesion) Yes \_\_\_\_\_ No \_\_\_\_\_

3. Type Vapor Barrier Applied (if necessary): \_\_\_\_\_

4. Are all surfaces to receive foam secure and stable? Yes \_\_\_\_\_ No \_\_\_\_\_

5. Chemical Feed Tank or Drum Temperature during Spraying:

R: \_\_\_\_\_ degrees A: \_\_\_\_\_ degrees

6. Input Feed Line Pressure to Proportioning Pump during spraying:

R: \_\_\_\_\_ psi A: \_\_\_\_\_ psi

7. Output Pressure from Metering Pump during Spraying:

R: \_\_\_\_\_ psi A: \_\_\_\_\_ psi

8. Is Purge Air on Spray Gun Free of Moisture? (Check with MDP) Yes \_\_\_\_ No \_\_\_\_

9. Is Surface to be Sprayed Free of Moisture? (Check with MDP every 20 ft.) Yes \_\_\_\_ No \_\_\_\_

10. Ambient Conditions:

Wind Speed: \_\_\_\_\_ (Not to exceed 15 mph)

Take Wet Bulb/Dry Bulb temperature measurements at start of foaming, every two hours thereafter, and at end of foaming. If Wet Bulb measurements exceed the listed maximums for given Dry Bulb measurement, DO NOT APPLY FOAM.

Time	Dry Bulb Temperature*	Wet Bulb Temperature	Surface Temp Before Spraying

MAXIMUM WET BULB READINGS FOR GIVEN  
DRY BULB READING  
(°F)

Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb
50	45.5	67	62.5	84	76
51	46.5	68	63.5	85	77
52	47.5	69	64.5	86	77.5
53	48.5	70	65.5	87	78
54	49.5	71	66.5	88	78.5
55	50.5	72	67.5	89	79
56	51.5	73	68	90	79.5
57	52.5	74	69	91	80
58	53.5	75	70	92	80.5
59	54.5	76	70.5	93	81
60	55.5	77	71.5	94	81.5
61	56.5	78	72	95	82
62	57.5	79	73	96	82
63	58.5	80	73.5	97	82.5
64	59.5	81	74.5	98	82.5
65	60.5	82	75	99	83
66	61.5	83	75.5	100	83

\* Minimum for Regular speed foam is 70°F, for fast speed foam 50°F.

11. (a) Was Foam Sprayed Full Thickness This Date? Yes \_\_\_\_ No \_\_\_\_

(b) Have All Overlaps with Previously Sprayed Foam Been Checked with MDP and  
Brushed if Necessary? Yes \_\_\_\_ No \_\_\_\_

12. Application Thickness of Each Foam Layer: \_\_\_\_\_

13. Have Starting and Ending Samples Been Taken from Roof? Yes \_\_\_\_ No \_\_\_\_

(a) Time of Spraying Starting Sample: \_\_\_\_\_

(b) Time of Spraying Ending Sample: \_\_\_\_\_

14. Roof map showing area sprayed this date and location of samples taken:

15. Yields:

Sq. ft. Applied: \_\_\_\_\_ X Thickness \_\_\_\_\_ = \_\_\_\_\_ bd. ft.

Sq. ft. Applied: \_\_\_\_\_ X Thickness \_\_\_\_\_ = \_\_\_\_\_ bd. ft.

Total Board Feet of Foam Applied this Date: \_\_\_\_\_ bd. ft

Pounds of Chemicals Sprayed this Date: \_\_\_\_\_ lb

Yield: \_\_\_\_\_ bd.ft/lb

16. Has base coat of Techguard Coating been applied the same day as foam was applied, at a minimum of 10 mils?

Yes \_\_\_\_ No \_\_\_\_

Area: \_\_\_\_\_ sq. ft.

Coverage: \_\_\_\_\_ gallons/sq. ft X 100 = \_\_\_\_\_ gallons/100 sq. ft.

17. Will top coat of Techguard coating be applied to base coated areas within 90 days?

Yes \_\_\_\_ No \_\_\_\_ If No, Why? \_\_\_\_\_