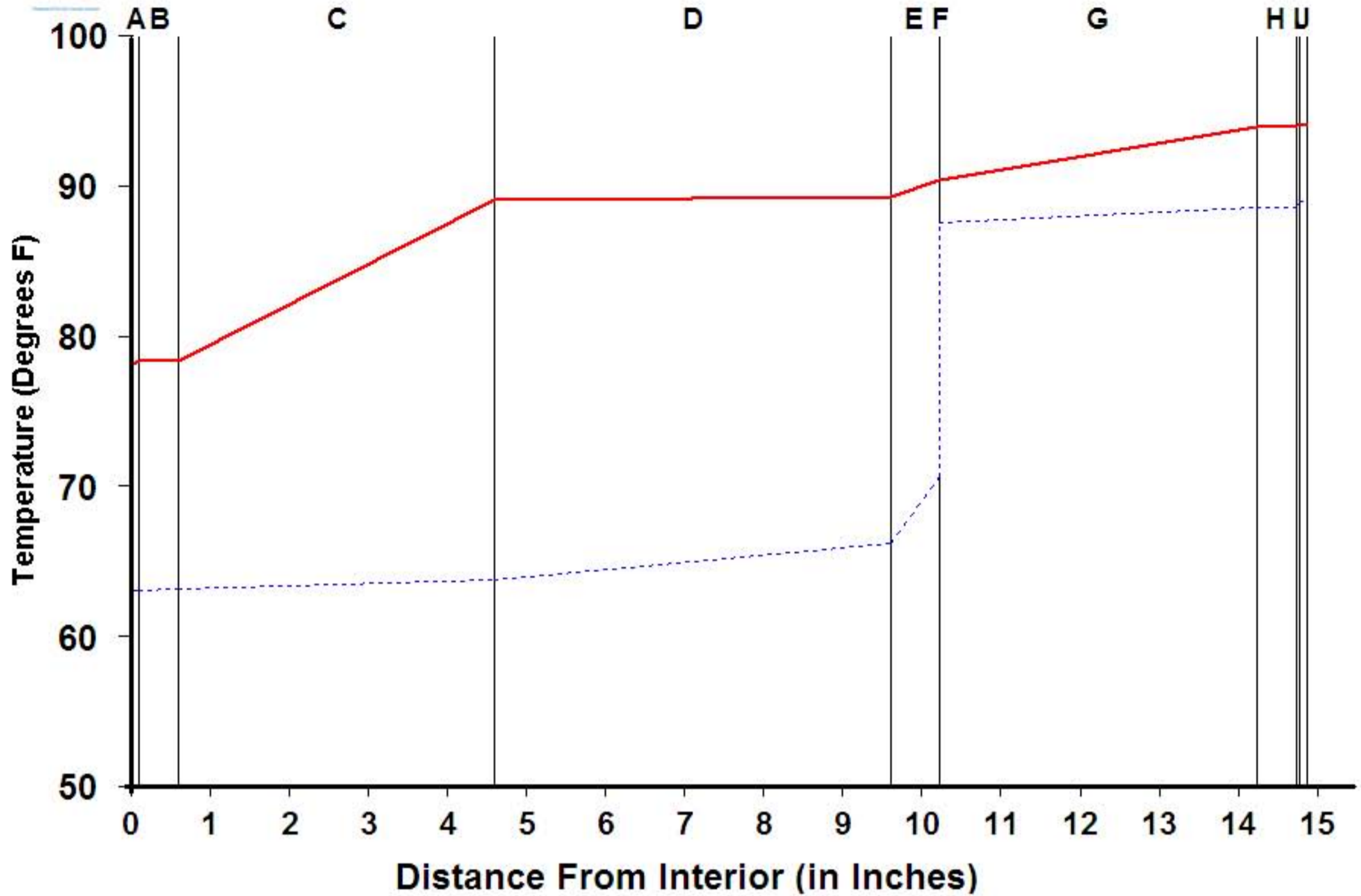


Dewpoint Analysis - Dow Chemical

Omniconrete Wall System



Legend

—	Actual Temperature
- - - -	Dewpoint Temperature

Dewpoint Theory predicts condensation in a system at any point where the actual and dewpoint temperature lines cross.

Conditions:

	Interior	Exterior
Temperature	78.0	94.0
Humidity	60.0	85.0

Component Name	Thickness	R-Value	Rep	Interface	Temperature Actual	Temperature Dewpnt	Accum (oz/day-sqft)
A Interior Air Film	0.100	0.68	0.001	-A	78.00	62.96	0.000
B Plaster	0.500	0.10	0.030	AB	78.24	62.96	0.000
C AAC	4.000	30.00	0.440	BC	78.28	63.01	0.000
D Concrete	5.000	0.40	1.550	CD	89.01	63.71	0.000
E Residentl Sheath R3.2	0.625	3.20	3.300	DE	89.15	66.06	0.000
F Polyethylene 6 mil	0.006	0.01	17.000	EF	90.29	70.58	0.000
G AAC	4.000	10.00	1.240	FG	90.30	87.47	0.000
H Stucco	0.500	0.10	0.024	GH	93.87	88.43	0.000
I Latex Paint 2 Coat	0.050	0.01	0.500	HI	93.91	88.45	0.000
J Out Air Film Summer	0.100	0.25	0.001	IJ	93.91	88.83	0.000
				JK	94.00	88.83	0.000
				KL			
				L-			
TOTAL	14.881	44.75	24.086				

NOTICE: This calculation is based on the theory of Water Vapor Migration presented in the ASHRAE 1993 Fundamentals Handbook. Actual performance may vary depending upon air infiltration, workmanship, and building materials. Since the information is provided without charge, The Dow Chemical Company assumes **no obligation or liability** for its use.