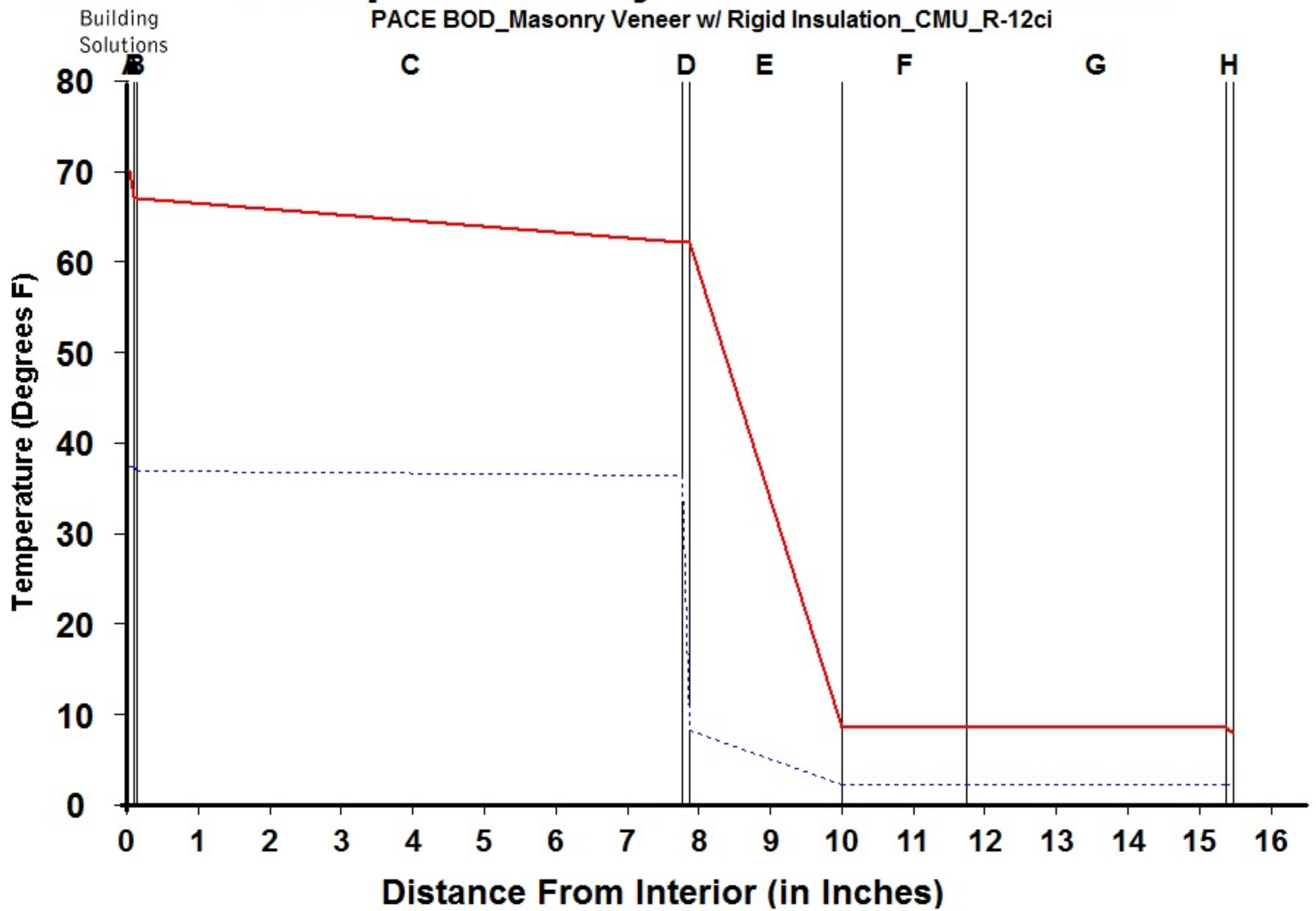




Dewpoint Analysis - Dow Chemical

PACE BOD_Masonry Veneer w/ Rigid Insulation_CMU_R-12ci



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	70.0	7.7
Humidity	30.0	75.0

Component Name					Interface			
Thickness R-Value Rep					Temperature		Accum	
					Actual		Dewpnt	
A	Interior Air Film	0.100	0.68	0.001	-A	70.00	37.17	0.000
B	Latex Paint 2 Coat	0.050	0.01	0.500	AB	66.97	37.17	0.000
C	CMU	7.625	1.10	0.400	BC	66.92	36.70	0.000
D	CCW Barritech NP	0.100	0.01	20.000	CD	62.02	36.34	0.000
E	DuPont Cavtymate Ultra	2.125	12.00	1.913	DE	61.97	8.07	0.000
F	Wall Air Space NonRefl	1.750	0.00	0.000	EF	8.46	2.08	0.000
G	Masonry Veneer (vented)	3.625	0.00	0.000	FG	8.46	2.08	0.000
H	Out Air Film Winter	0.100	0.17	0.001	GH	8.46	2.08	0.000
I					HI	7.70	2.08	0.000
J					IJ			
K					JK			
L					KL			
TOTAL					L-			

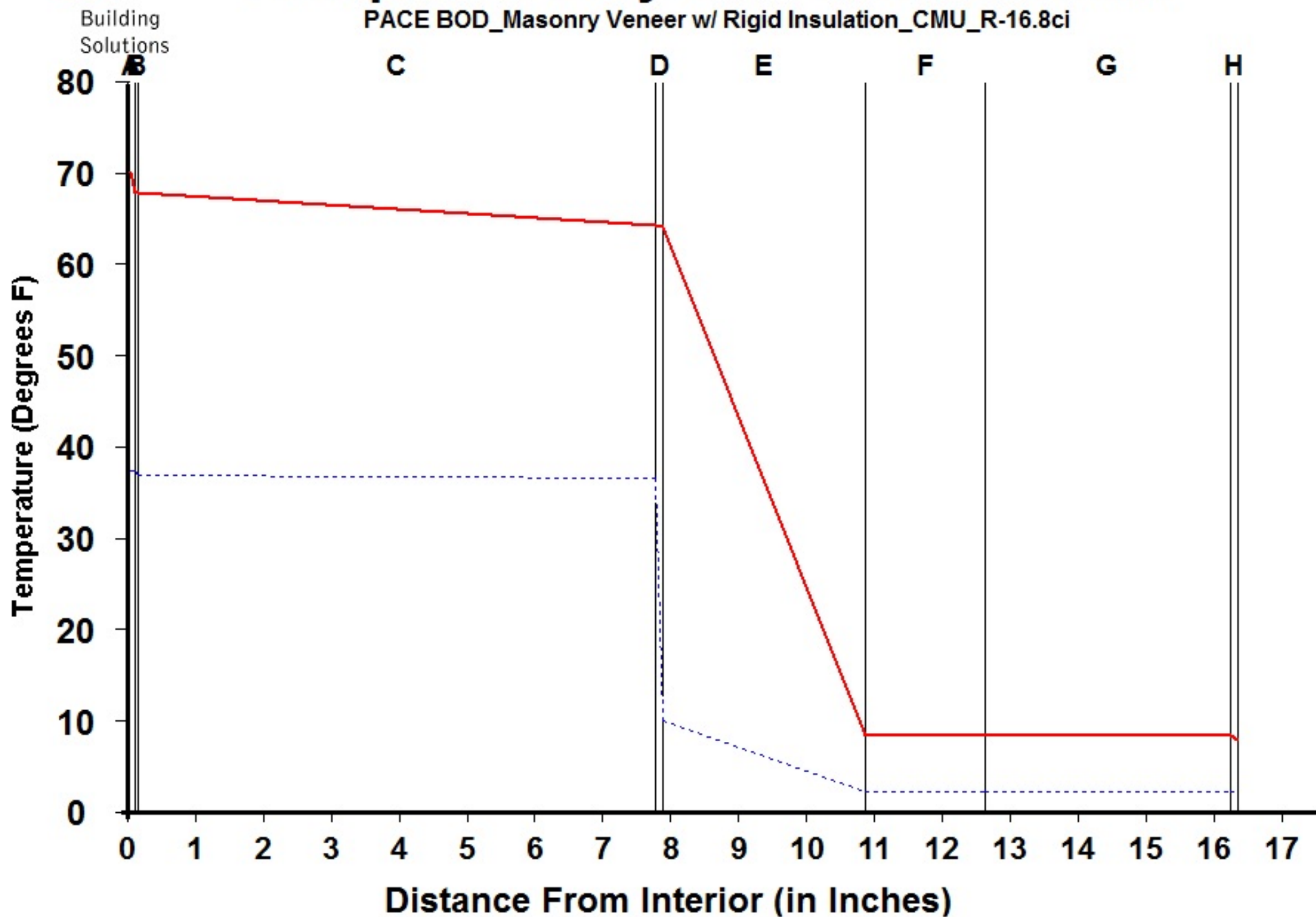
NOTICE: This calculation is based on the theory of Water Vapor Migration presented in the ASHRAE 1993 Fundamentals Handbook. Actual performance may vary depending upon air infiltration, workmanship, and building materials. Since the information is provided without charge, The Dow Chemical Company assumes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

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Dewpoint Analysis - Dow Chemical

PACE BOD_Masonry Veneer w/ Rigid Insulation_CMU_R-16.8ci



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	70.0	7.7
Humidity	30.0	75.0

Component Name					Interface	Temperature Actual	Dewpnt	Accum (oz/day-sqft)
A	Interior Air Film	0.100	0.68	0.001	-A	70.00	37.17	0.000
B	Latex Paint 2 Coat	0.050	0.01	0.500	AB	67.74	37.17	0.000
C	CMU	7.625	1.10	0.400	BC	67.71	36.72	0.000
D	CCW Barritech NP	0.100	0.01	20.000	CD	64.06	36.36	0.000
E	DuPont Cavtymate Ultra	3.000	16.80	2.700	DE	64.03	9.89	0.000
F	Wall Air Space NonRefl	1.750	0.00	0.000	EF	8.26	2.08	0.000
G	Masonry Veneer (vented)	3.625	0.00	0.000	FG	8.26	2.08	0.000
H	Out Air Film Winter	0.100	0.17	0.001	GH	8.26	2.08	0.000
I					HI	7.70	2.08	0.000
J					IJ			
K					JK			
L					KL			
TOTAL					L-			

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.

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