

DEW POINT OF MOIST AIR CHART

Temperature at which moisture will condense on a surface. No coatings should be applied unless surface temperature is a minimum of 5°F above this point. Temperature must be maintained during curing.

This chart illustrates how to calculate the dew point:

Ambient Air Temperature

	20°F	-7°C	30°F	-1°C	40°F	4°C	50°F	10°C	60°F	16°C	70°F	21°C	80°F	27°C	90°F	32°C	100°F	38°C	110°F	43°C	120°F	49°C
90	18°F	-8°C	28°F	-2°C	37°F	3°C	47°F	8°C	57°F	14°C	67°F	19°C	77°F	25°C	87°F	31°C	97°F	36°C	107°F	42°C	117°F	47°C
85	17°F	-8°C	26°F	-3°C	36°F	2°C	45°F	7°C	55°F	13°C	65°F	18°C	75°F	24°C	84°F	29°C	95°F	35°C	104°F	40°C	113°F	45°C
80	16°F	-9°C	25°F	-4°C	34°F	1°C	44°F	7°C	54°F	12°C	63°F	17°C	73°F	23°C	82°F	28°C	93°F	34°C	102°F	39°C	110°F	43°C
75	15°F	-9°C	24°F	-4°C	33°F	1°C	42°F	6°C	52°F	11°C	62°F	17°C	71°F	22°C	80°F	27°C	91°F	33°C	100°F	38°C	106°F	42°C
70	13°F	-11°C	22°F	-8°C	31°F	-1°C	40°F	4°C	50°F	10°C	60°F	16°C	68°F	20°C	78°F	26°C	88°F	31°C	96°F	36°C	105°F	41°C
65	12°F	-11°C	20°F	-7°C	29°F	-2°C	38°F	3°C	47°F	8°C	57°F	14°C	66°F	19°C	76°F	24°C	85°F	29°C	93°F	34°C	103°F	39°C
60	11°F	-12°C	19°F	-7°C	27°F	-3°C	36°F	2°C	45°F	7°C	55°F	13°C	64°F	18°C	73°F	23°C	83°F	26°C	92°F	33°C	101°F	38°C
55	9°F	-13°C	17°F	-8°C	25°F	-4°C	34°F	1°C	43°F	6°C	53°F	12°C	61°F	16°C	70°F	21°C	80°F	27°C	89°F	32°C	96°F	37°C
50	6°F	-14°C	15°F	-9°C	23°F	-5°C	31°F	-1°C	40°F	4°C	50°F	10°C	59°F	15°C	67°F	19°C	77°F	25°C	86°F	30°C	94°F	34°C
45	4°F	-16°C	13°F	-11°C	21°F	-6°C	29°F	-2°C	37°F	3°C	47°F	8°C	58°F	13°C	64°F	18°C	73°F	23°C	82°F	28°C	91°F	33°C
40	1°F	-17°C	11°F	-12°C	18°F	-8°C	26°F	-3°C	35°F	2°C	43°F	6°C	52°F	11°C	61°F	16°C	69°F	21°C	78°F	28°C	87°F	31°C
35	-2°F	-19°C	8°F	-13°C	16°F	-9°C	23°F	-5°C	31°F	-1°C	40°F	4°C	48°F	9°C	57°F	14°C	65°F	18°C	74°F	23°C	83°F	28°C
30	-6°F	-20°C	4°F	-16°C	13°F	-11°C	20°F	-7°C	28°F	-2°C	36°F	2°C	44°F	7°C	52°F	11°C	61°F	16°C	69°F	21°C	77°F	25°C

Relative Humidity

Examples

- Fahrenheit: If ambient air temperature is 70°F and relative humidity is 65%, the dew point is 57°F. No coating should be applied unless the surface temperature is 62°F minimum (57°F + 5°F = 62°F).
- Celsius: If temperature is 21°C and the relative humidity is 65%, the dew point is 14°C. No coating should be applied unless the surface temperature is 3°C higher than the dew point, 17°C (14°C + 3°C = 17°C).

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