CALCULATING THE SURFACE COVERAGE

PRECISE MEASUREMENTS, THE KEY TO A SUCCESSFUL INSTALLATION!

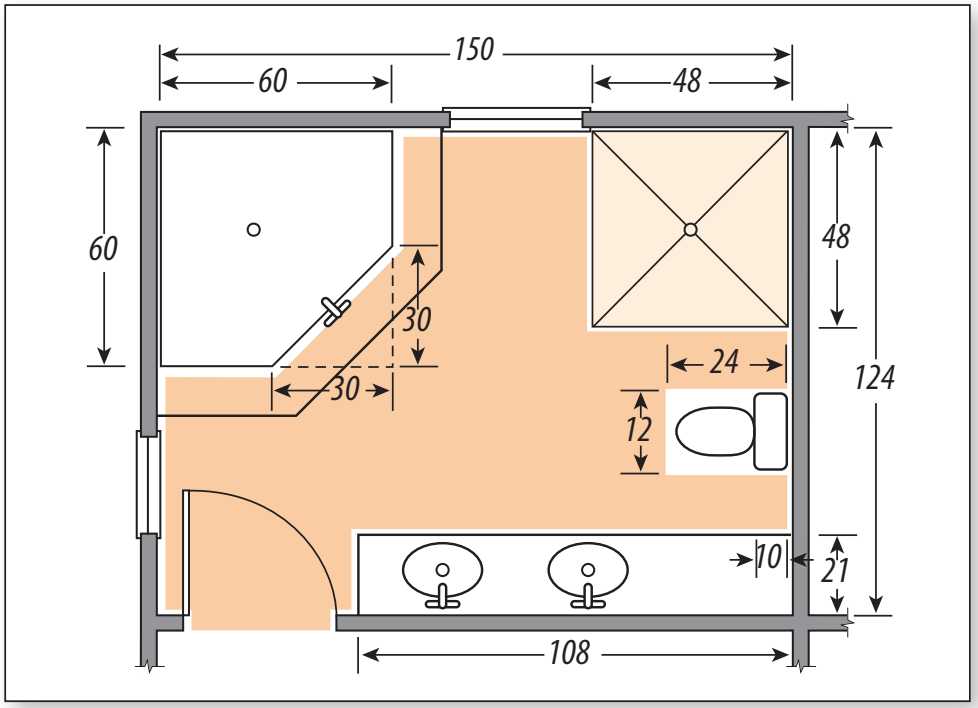
Floor Warming and Heating Systems

Step 1: Calculate the total surface area of the room.

Step 2: Calculate the surface area of the permanent fixtures.

Step 3: Subtract the surface area of the permanent fixtures from the total surface area.
The result is the maximum area to be covered.

Example



Heated area
Permanent fixtures

Note: You can also heat a shower floor but you must install a specific cable inside a ceramic shower.

** Take measurements from the toe kick.*

Step 1: Calculate total surface area: 150 in x 124 in = 18,600 in^2 or **129.2 ft^2** ($in^2 \div 144 = ft^2$)

Step 2: Calculate the area of the permanent fixtures:

	Dimensions	Angles to include	Surface area in^2	Surface area ft^2
Shower:	48 in x 48 in =		2304 in^2	= 16 ft^2
Bath:	60 in x 60 in	– 450 in = (30 in x 30 in) ÷ 2 =	3150 in^2	= 21.9 ft^2
Vanity*:	108 in x 21 in =		2268 in^2	= 15.8 ft^2
Toilet:			288 in^2	= 2 ft^2
			8010 in^2	= **55.7 ft^2**

Step 3: Subtract the permanent fixtures from the total surface area: 129.2 ft^2 – 55.7 ft^2

Maximum area to be covered: 73.5 ft^2

Note: When installing a heating mat, the mat must cover between 90% and 98% of the surface for optimal coverage.
When installing with FLEX*Snap+*, the entire surface of the room must be covered with mesh.

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