HT Calc sample - synthetic figures

Room material quantities

Generated 2026-11-01 (UTC)
Formula room-studio-v1
Report version 1.0.0

Results

Status: available

Materials to plan for

Quantity estimate from the supplied room measurements.

Measured rooms: 2

Flooring including waste: 159 sq ft

Two-coat wall paint for the plan: 3 gallons

Area by room (sq ft)

Room	Floor	Ceiling	Gross walls	Net walls
Hall	120	120	352	311
Den	24	24	200	200
Plan total	144	144	552	511

Flooring, paint and trim

Net wall area excludes the measured openings. Plan paint pools the measured area before rounding gallons.

Material quantities

Room	Floor incl. waste (sq ft)	Paint (gal)	Baseboard (ft)	Crown (ft)
Hall	132	2	39	44
Den	27	2	20	20
Plan total	159	3	59	64

Doors and windows

Room	Door casing (ft)	Window casing (ft)	Opening area (sq ft)
Hall	17	10	41
Den	0	0	0
Plan total	17	10	41

Counts by room

Room	Doors	Windows	Open passages	Fixtures
Hall	1	1	1	2
Den	0	0	0	0
Plan total	1	1	1	2

Room dimensions

Width and depth are the bounding dimensions. A polygon room may occupy only part of that rectangle.

Dimensions (ft)

Room	Width	Depth	Mean height	Perimeter
Hall	10	12	8	44
Den	6	4	10	20

Assumptions

Ceilings have the same area as the wall-centerline floor polygon. Flooring includes 10% waste. Wall paint assumes two coats and 350 sq ft per gallon.

Warnings

None returned by the core.

Limitations

Estimate only. No offer, approval, guarantee or personal recommendation. Not financial advice. Deterministic calculation from supplied assumptions; review the formula, units and warnings. Built with AI-assisted development.

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