

THE ROOMVEIL MANUAL

Everything the free room planner does, step by step, with pictures. Updated 2026-10-01.

HOW TO USE ROOMVEIL

What Roomveil is, a five-step quick start, units, what is saved, and using it on a phone.

Roomveil is a free planner for home projects that runs in the web browser on any phone, tablet or computer. You measure, choose a look, see it on a photo of your own room, and get a list of exactly what to buy. There is nothing to install and no account to make.

WHAT YOU CAN DO WITH IT

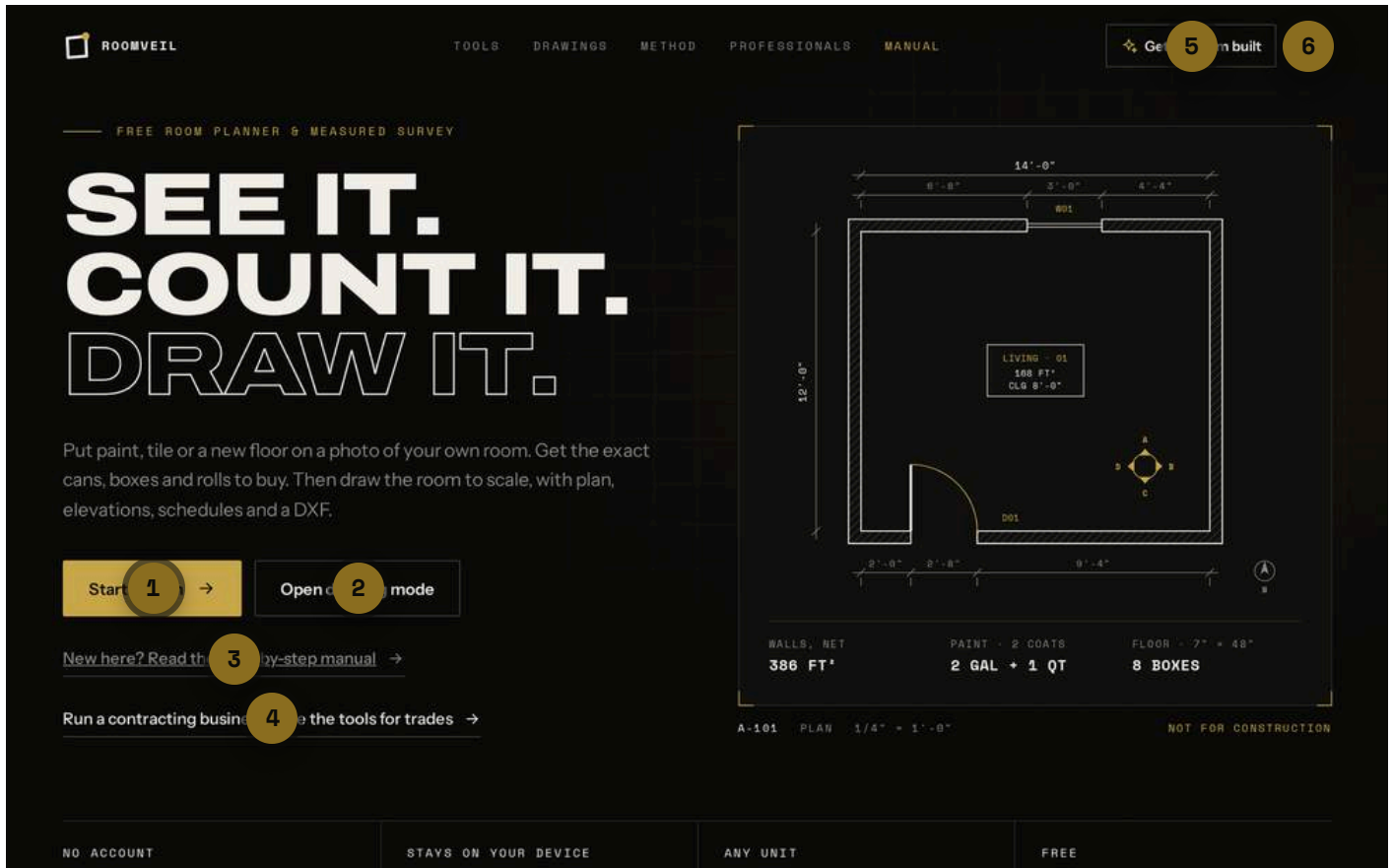
WALLS Paint, wallpaper or tile on a wall or a whole room. Cans, rolls and tiles counted.	FLOORS Wood or vinyl planks, or floor tiles. Boxes counted, with spare for cuts.
DOORS & WINDOWS The right size to order from what you measured, in the style you like.	BATHROOMS Place a toilet, sink, tub and shower, and check each has the space US code asks for.
MEASURED DRAWINGS A floor plan, four wall views and lists, printed to scale or saved as PDF and CAD.	QUOTES For trades: your prices, labor, tax and a one-page quote with your company name.

WHAT YOU NEED

- **A tape measure.** A laser measure is quicker. On an iPhone, the built-in **Measure** app is fine for a first idea.
- **A phone camera**, if you want to see the result on your own room. This is optional; there is a sample room to try things on.
- **About five minutes** for a wall or a floor.

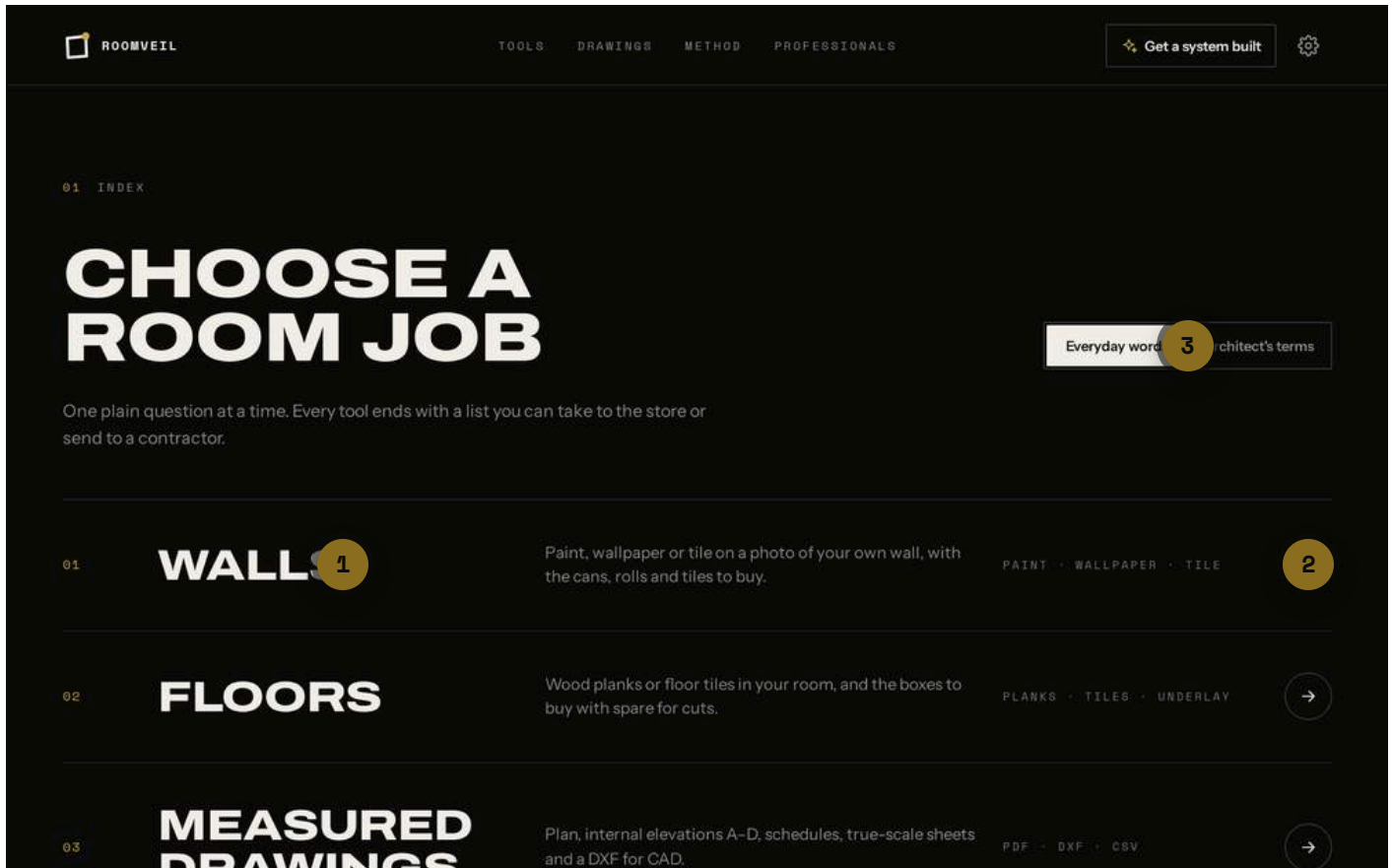
QUICK START IN FIVE STEPS

- 1 Open roomveil.com and press **Start a room**.
 - 2 Pick a job, for example **Walls**.
 - 3 Answer one question at a time. Type your sizes in any unit: **12' 6"**, **150in** or **3.8m** all work.
 - 4 Choose a look and see it on your photo, or on the sample room.
 - 5 Read **What you'll need**. Take the list to the store, or press **Share** to send it.
-



The Roomveil homepage.

- 1 **Start a room** takes you to the list of jobs.
- 2 **Open drawing mode** goes straight to measured drawings.
- 3 This manual.
- 4 For contractors: a shortcut to the tools for trades.
- 5 **Get a system built:** custom software from the makers of Roomveil.
- 6 **Settings:** units, money, everyday or architect's words, and Pro mode.



The list of jobs. Tap a row to start.

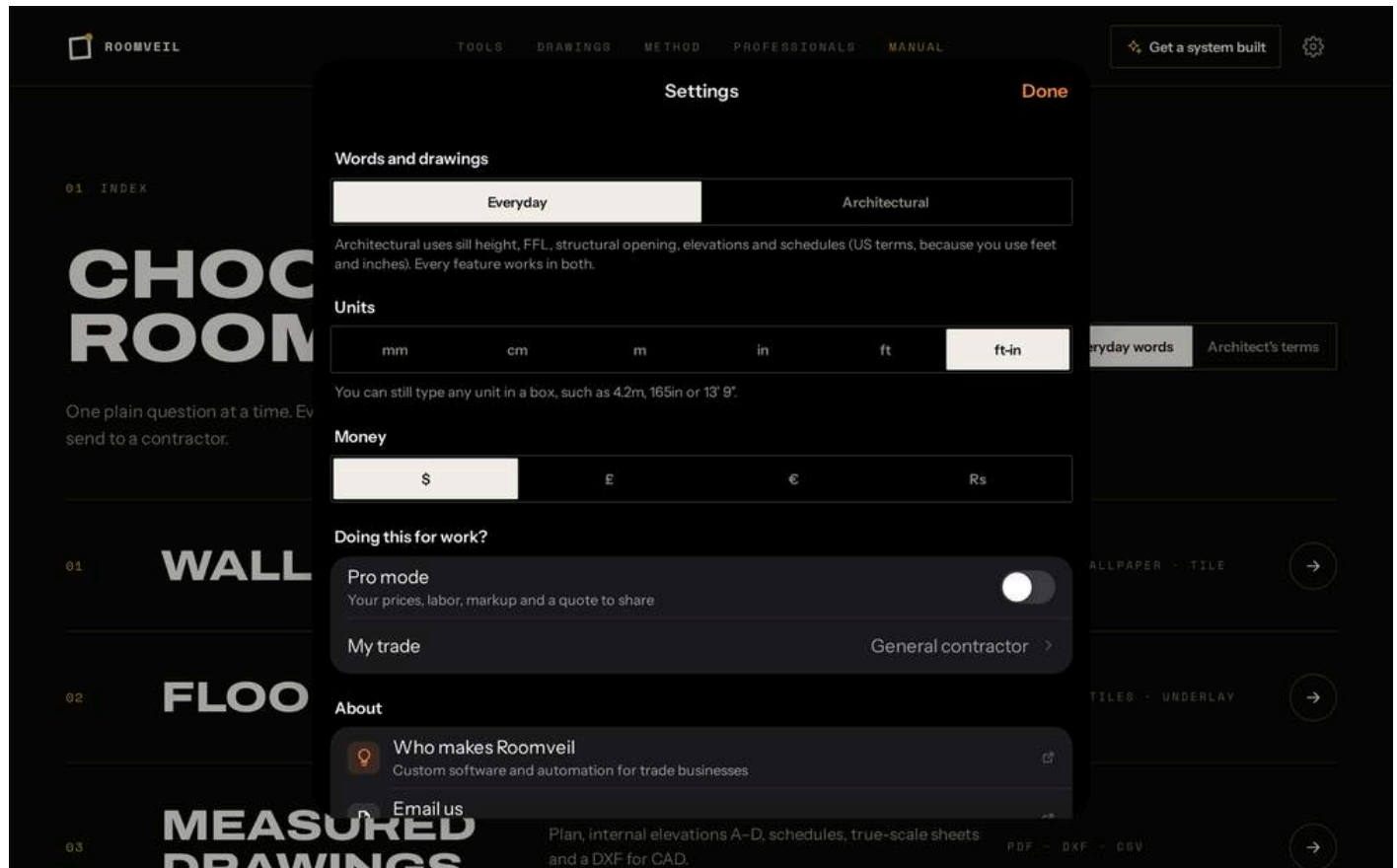
- 1 The job. Every tool asks one plain question at a time.
- 2 Tap the arrow, or anywhere on the row.
- 3 **Everyday words** or **Architect's terms**. Only the wording changes, never the features.

MOVING AROUND

- **Step 3 of 6** at the top tells you where you are. The line under it fills up as you go.
- The big button at the bottom always moves you forward. Its words tell you what comes next, like **See it on my wall**.
- The arrow at the top left goes back one step. On the first step it goes back to the homepage.
- The curved arrow at the top right is **Undo**. It appears once you have changed something.
- The cog opens **Settings**.

UNITS AND MONEY

Roomveil guesses your units from your phone's language. Change them any time in **Settings**, or on the first step of the walls, floor, bathroom and drawing tools. Whatever you choose, you can still type any unit into a box and Roomveil converts it: **4.2m**, **420cm**, **13' 9"** and **165in** are all understood. In feet and inches, a plain number in a door or window box means inches.



Settings.

Money can be shown in **\$**, **£**, **€** or **Rs**. The prices are examples only; you can type your own on any line.

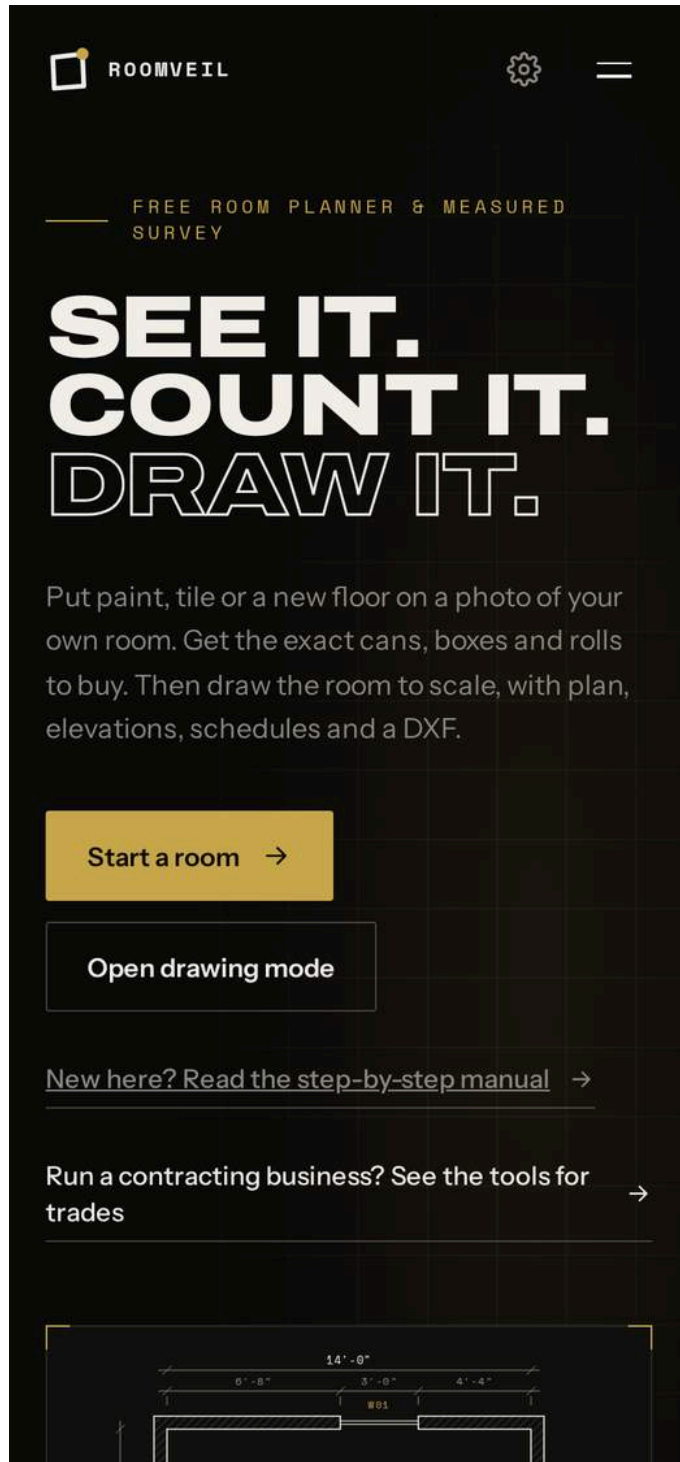
WHAT IS SAVED, AND WHAT IS NOT

SHARE BEFORE YOU CLOSE

Walls, floors, doors and windows, and bathrooms are **not** saved when you close the page. Press **Share** at the end to send the list to yourself, or take a screenshot.

- **Saved on this device:** your room drawings, your units and money symbol, any prices you typed, your Pro mode business details, and your choice of everyday or architect's words.
- **Never uploaded:** photos. Roomveil opens your phone's own photo picker, the photo is used inside the browser, and it is gone when you close the page.
- **No account and no cookies.** Visits are counted anonymously.

ON A PHONE



The homepage on a phone. The menu at the top right opens every section.



A tool on a phone. Drag across the photo to compare before and after.

HOW TO MEASURE A WALL, A ROOM, DOORS AND WINDOWS

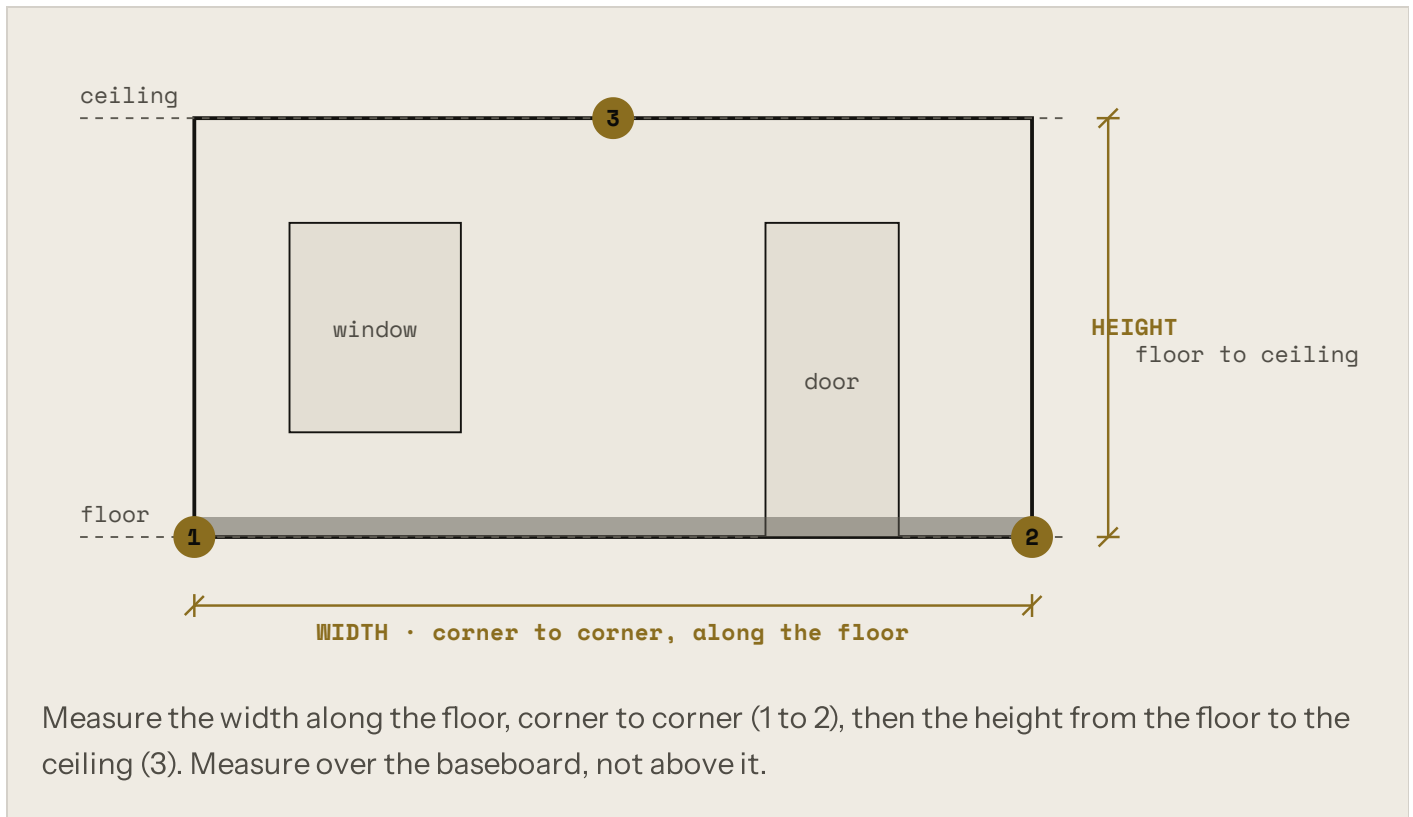
How to measure a wall, a room, doors, windows and a bathroom, with drawings.

Good numbers come from good measurements. Every tool asks for sizes, and the rules are the same everywhere: measure to the finished surface, write the number down, and check it once.

WHAT TO MEASURE WITH

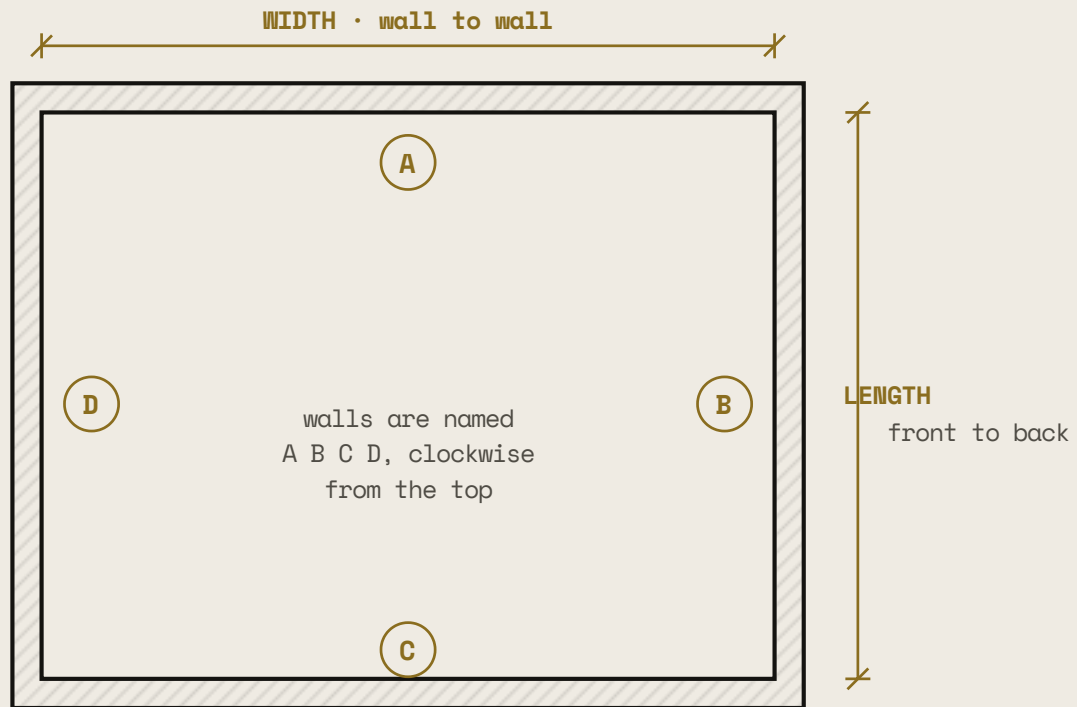
- **Tape measure:** hook it on one side, read it on the other. For a long wall, ask someone to hold the end.
- **Laser measure:** put it flat against one wall and aim at the other. The quickest way to measure a room.
- **Phone Measure app:** good for a first idea. Check with a tape before you order anything cut to size.

MEASURING A WALL



- Measure the whole wall. Roomveil takes the windows and doors off for you when you add them.
- If the ceiling slopes or the floor is uneven, measure at the highest point.

MEASURING A ROOM



Measure wall to wall across (width) and front to back (length). Roomveil names the walls A, B, C and D, clockwise from the top of the plan.

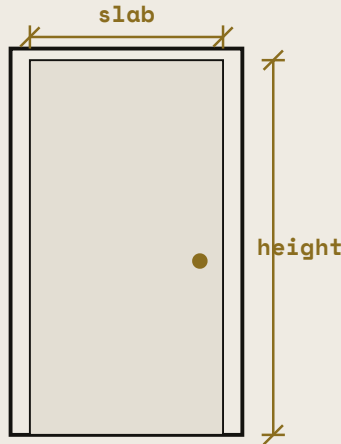
ROOM NOT A RECTANGLE?

Measure the biggest rectangle that fits, and plan it first. Add the extra part (an alcove or an L) as a second floor or room afterwards.

MEASURING DOORS AND WINDOWS

There are three different things you might measure, and each one gives a different size to order. In the doors and windows tool, every door and window asks **What did you measure?** so it can work out the right size.

1 • REPLACE A DOOR



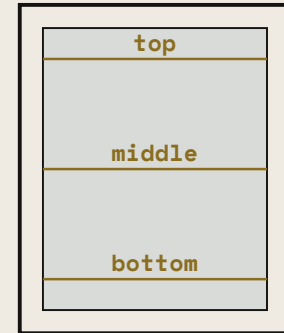
Measure the old door itself, edge to edge, and its height. Order the same size.

2 • NEW OPENING



Measure the framed hole, stud to stud. Door = hole less 2" wide, 2½" high.

3 • REPLACE A WINDOW



Measure inside the old frame at top, middle and bottom. Use the smallest, less ¼".

Replacing a door: measure the old door itself. Building a new opening: measure the framed hole. Replacing a window: measure inside the old frame three times and use the smallest.

WHAT YOU MEASURED

WHAT ROOMVEIL TELLS YOU TO ORDER

The old door slab, edge to edge

The same size. Standard widths are 24, 28, 30, 32, 34 and 36 inches, usually 80 inches tall (96 inches for tall doors).

The rough opening (framed hole, stud to stud) for a door

About 2 inches less wide and 2½ inches less tall. A 32 × 80 inch door needs a 34 × 82½ inch opening.

The rough opening for a new-construction window

About ½ inch less each way.

Inside the old window frame (replacement window)

The smallest of your three measurements, less about ¼ inch each way.

ALWAYS CONFIRM WITH YOUR SUPPLIER

These are the common rules. Your supplier will confirm the exact size before they order or cut anything.

MEASURING A BATHROOM

Measure the floor wall to wall, across and front to back. Then measure where the pipes come out: the toilet drain is usually 12 inches from the wall behind it (this is called the **rough-in**).

WALLS: PAINT, WALLPAPER AND TILE

Paint, wallpaper and tile, step by step, for one wall or a whole room.

Use this tool to see a new paint color, wallpaper or tile on your wall, and to find out how many cans, rolls or tiles to buy. It works for one wall or a whole room.

STEP 1 · HOW BIG IS THE WALL?

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Step 1 of 6

Get a system built

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What are you doing?

One wall

1

A whole room

Measure along the floor from one corner to the other, then from the floor up to the ceiling.

8' 0"

12' 0"

2

Width

Corner to corner, along the floor

3

12' 0"

Height

Floor to ceiling

4

8' 0"

Units

mm

cm

m

in

ft

5

💡

No tape measure? A laser measure or the **Measure** app on iPhone works. Type any unit, such as 12' 6", 150in or 3.8m.

⛶

Drag the orange dot to resize the wall, or type the sizes below.

Continue

Step 1 for one wall.

- 1 **One wall** or **A whole room**.
- 2 The wall, drawn to scale. Drag the orange dot to resize it.
- 3 **Width**: corner to corner, along the floor.
- 4 **Height**: floor to ceiling.
- 5 Units. You can still type any unit in the boxes.

Choose **A whole room** to paint every wall. You still measure the wall you will photograph, then add the room's length from front to back. Roomveil adds the other walls for you. It starts with 1 door and 1 window on the other walls; set them to 0 if there are none.

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Step 1 of 6

Get a system built

⚙

What are you doing?

One wall

A whole room

Measure the wall you will photograph, then the room from front to back. We add the other walls for you.

8' 0"

12' 0"

14' 0"

Drag the orange dot to resize the wall, or type the sizes below.

Width of this wall

Corner to corner, along the floor

12' 0"

Ceiling height

Floor to ceiling

8' 0"

Room length, front to back

The walls on each side of this one

1 14' 0"

Doors and windows on the other walls

Doors

Each takes off about 21 ft²

2 1

Windows

Each takes off about 15 ft²

3 1

Put the ones on this wall on the next step, where you can place them exactly.

Units

mm cm m in ft ft-in

No tap

Continue

A whole room.

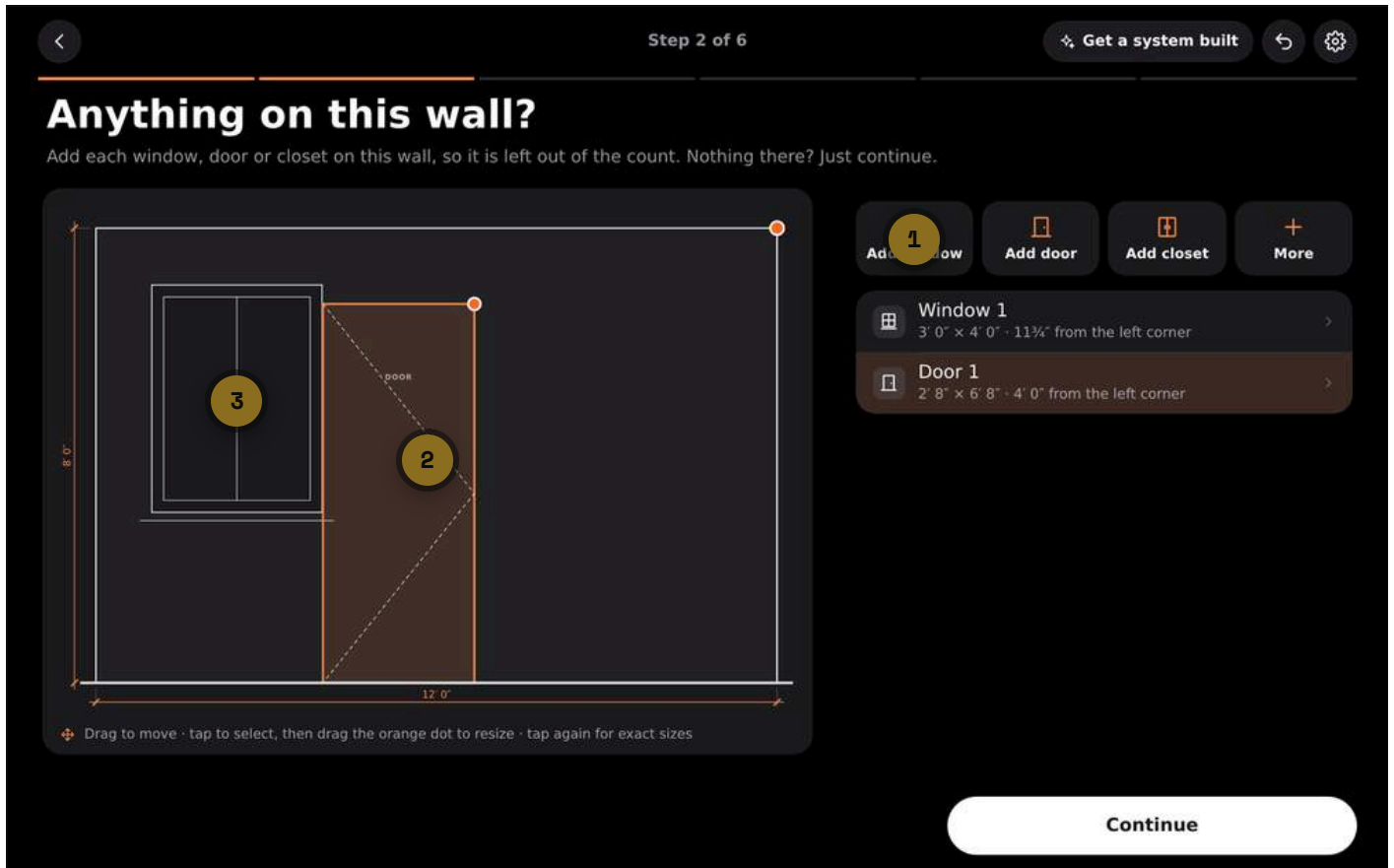
- 1 Room length, front to back:** the walls on each side of this one.
- 2** Doors on the other walls. Each takes off about 21 ft².
- 3** Windows on the other walls. Each takes off about 15 ft².

STEP 2 - ANYTHING ON THIS WALL?

Add each window, door or closet on this wall so it is left out of the count. A plain wall? Just press **Continue**.

Roomveil manual · roomveil.com/manual

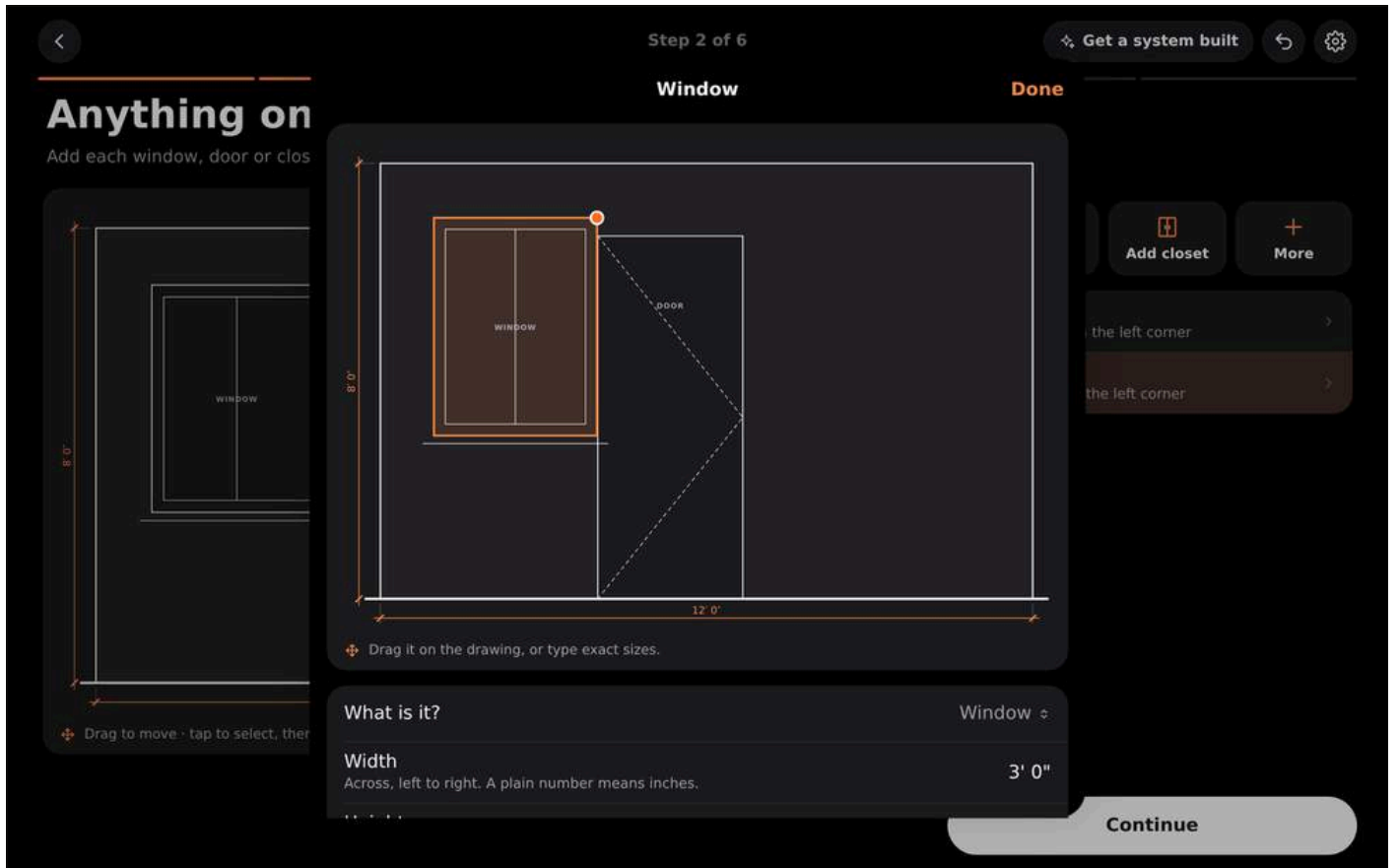
16 / 65



A window and a door added.

- 1 **Add window, Add door and Add closet. More** has fireplaces, switches, radiators, shelves, TVs and pictures.
- 2 Drag an item to where it really is. Tap it to select it, then drag its orange dot to resize it.
- 3 Each item is listed with its size. Tap it for exact sizes.

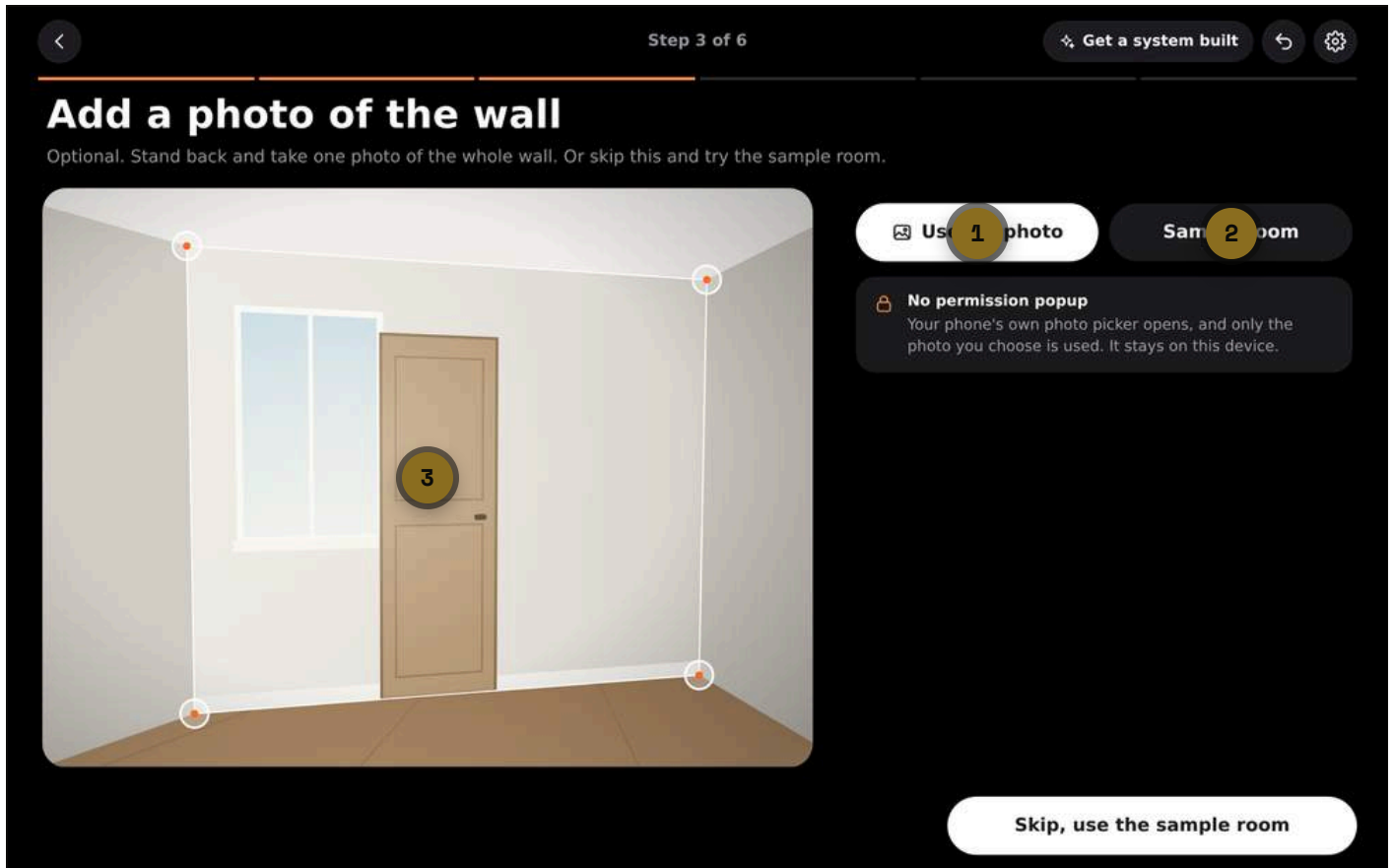
Windows, doors, closets and fireplaces are taken off the wall. Radiators, shelves, TVs and pictures are not: the new finish goes behind them.



Tap an item twice (or tap it in the list) to type exact sizes. In feet and inches, a plain number means inches.

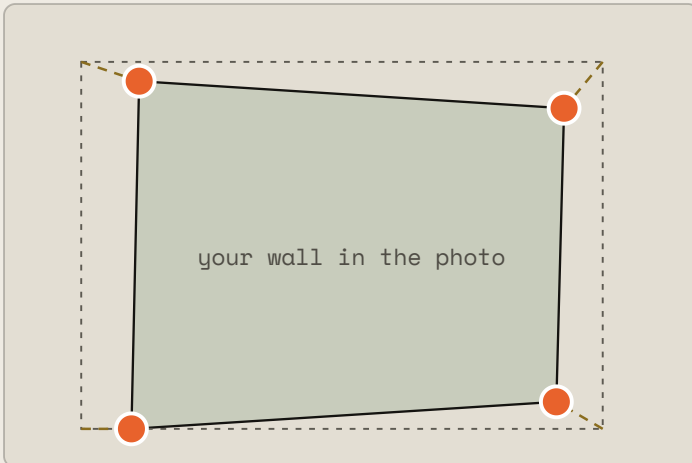
STEP 3 • ADD A PHOTO (OPTIONAL)

Stand back and take one photo of the whole wall. Your phone's own photo picker opens, so there is no permission popup. Or press **Sample room** to try it first.



Adding a photo.

- 1 **Use my photo** opens your phone's photo picker.
- 2 **Sample room** puts the practice room back.
- 3 Your photo. Drag the four orange dots onto the corners of the wall.



1 Take the photo standing back, whole wall in view.

2 Drag each orange dot onto a corner of the wall.

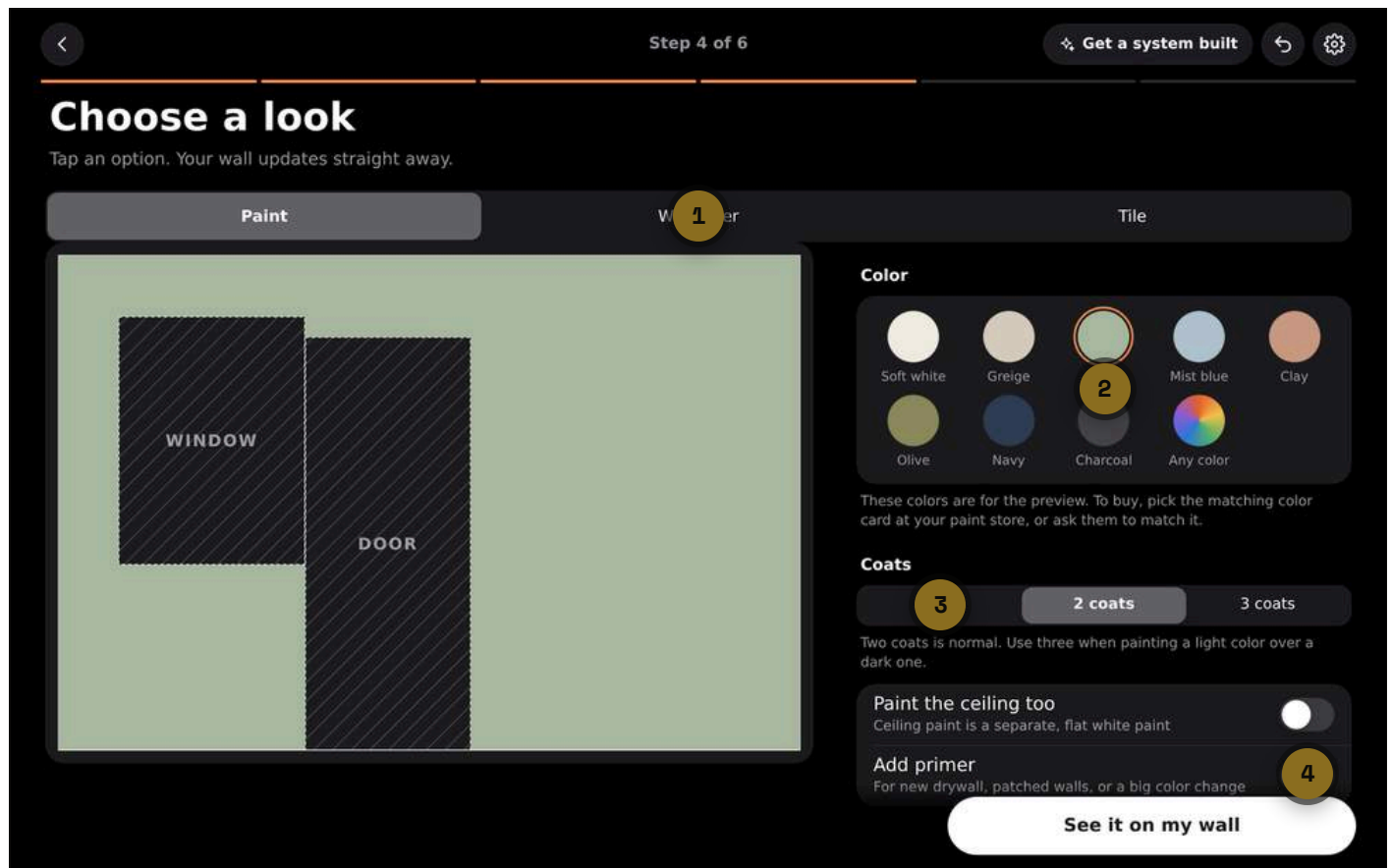
3 Where furniture hides a corner, put the dot where the corner would be.

Lining up your photo. The better the dots sit on the corners, the more real the result looks.

FOR THE BEST RESULT

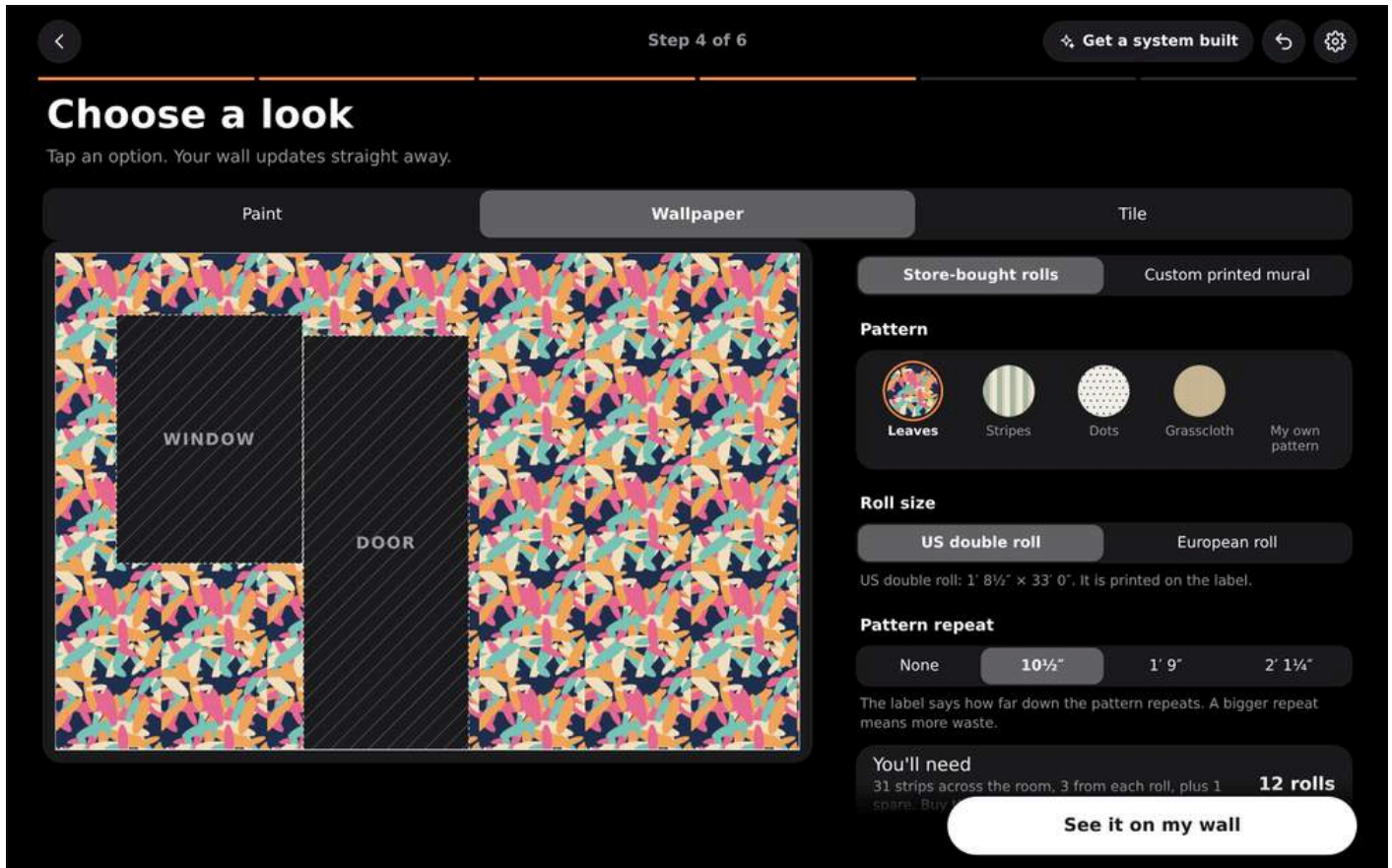
Take the photo in daylight, straight on, from as far back as you can. Include the floor and ceiling lines. If a sofa or a plant covers the wall, the **keep-out brush** on the next steps paints it back in front of the new finish.

STEP 4 · CHOOSE A LOOK



Paint.

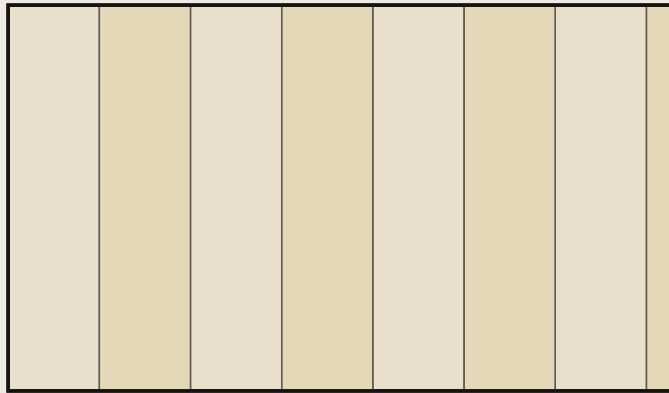
- 1 **Paint, Wallpaper or Tile.**
- 2 Colors, or **Any color**. These are for the preview; at the store, pick the matching color card or ask them to match it.
- 3 **Coats.** Two is normal. Use three when painting a light color over a dark one.
- 4 **Add primer** for new drywall, patched walls or a big color change. **Paint the ceiling too** appears for a whole room.



Wallpaper. Choose store-bought rolls or a custom printed mural, the pattern, the roll size and the pattern repeat.

- **Roll size:** a US double roll is 20½ inches × 33 feet; a European roll is 0.53 × 10.05 m. The size is printed on the label.
- **Pattern repeat:** the label says how far down the pattern repeats. A bigger repeat means more waste, so more rolls.
- **My own pattern** lets you try a picture from your phone.
- Wallpaper counts do not take off doors and windows: the offcuts go above and below them and still have to match the pattern.

roll width



$\text{wall width} \div \text{roll width} = \text{strips, round up}$

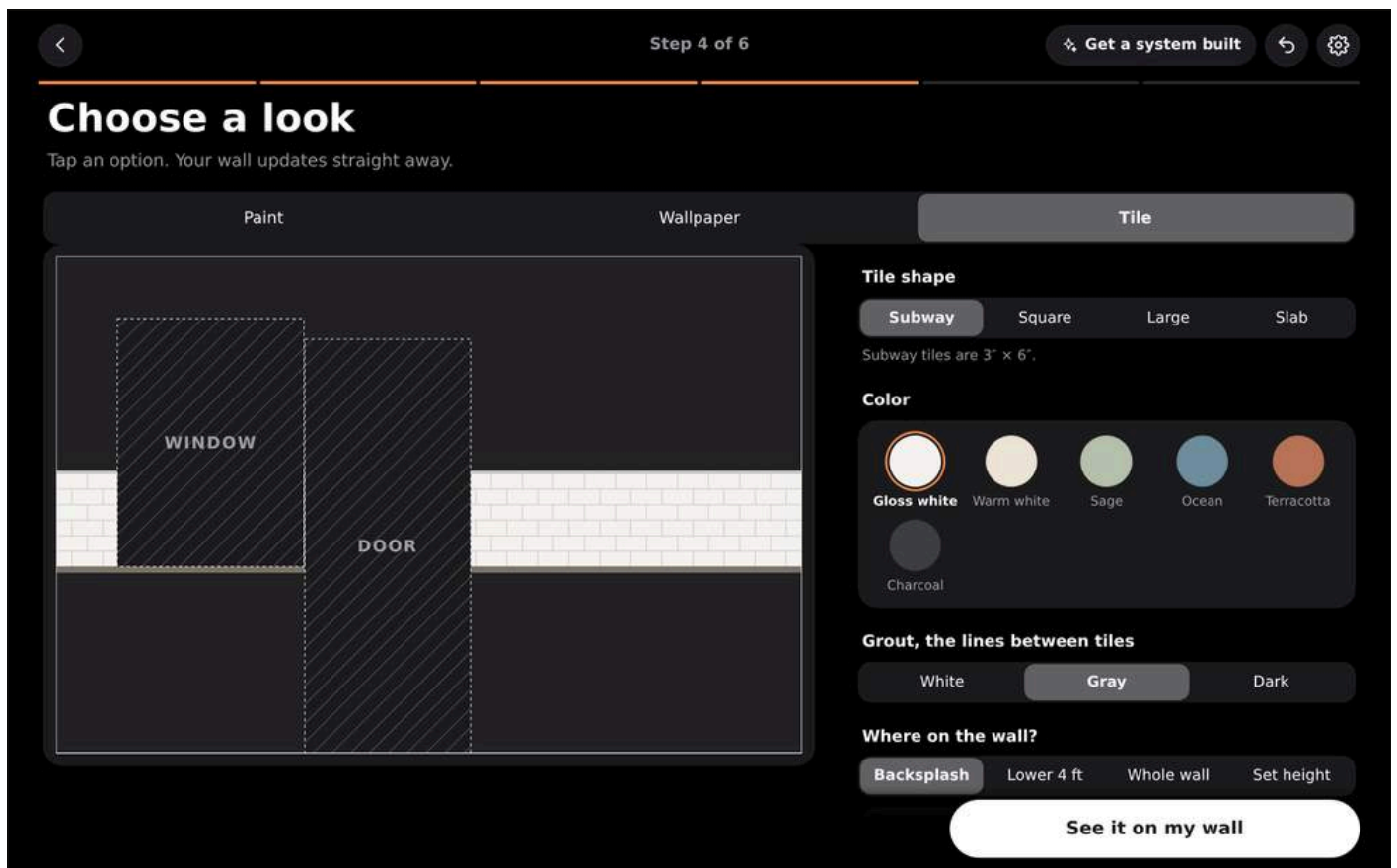
wall height

+ pattern repeat
+ 4" to trim

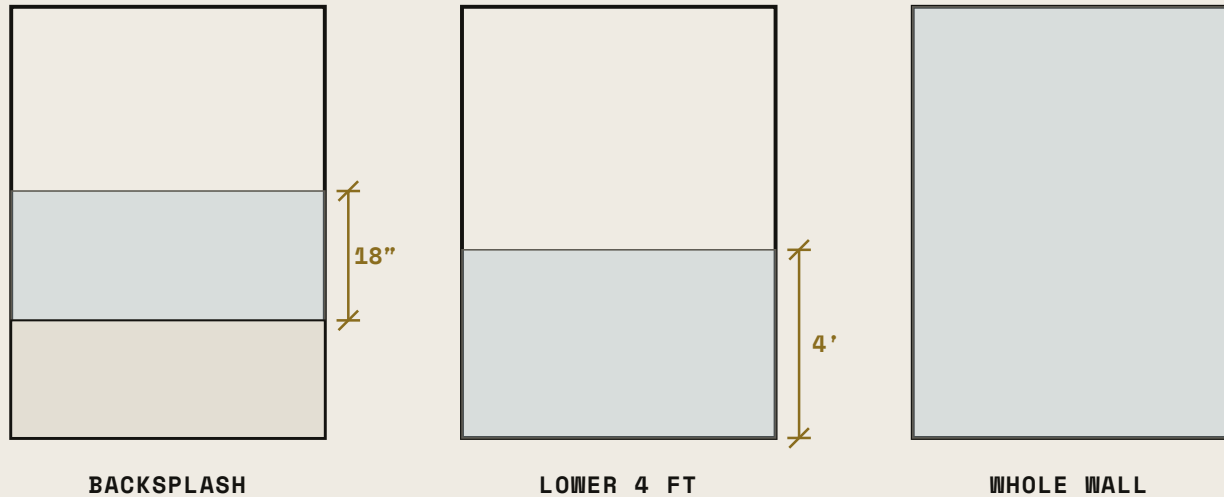
one roll

Strips per roll = roll length $\div$ (wall height + repeat + 4"), round down.
Rolls = strips $\div$ strips per roll, round up, then add 1 spare.

How the rolls are counted. Roomveil adds one spare roll. Buy them all with the same batch number, so the color matches.



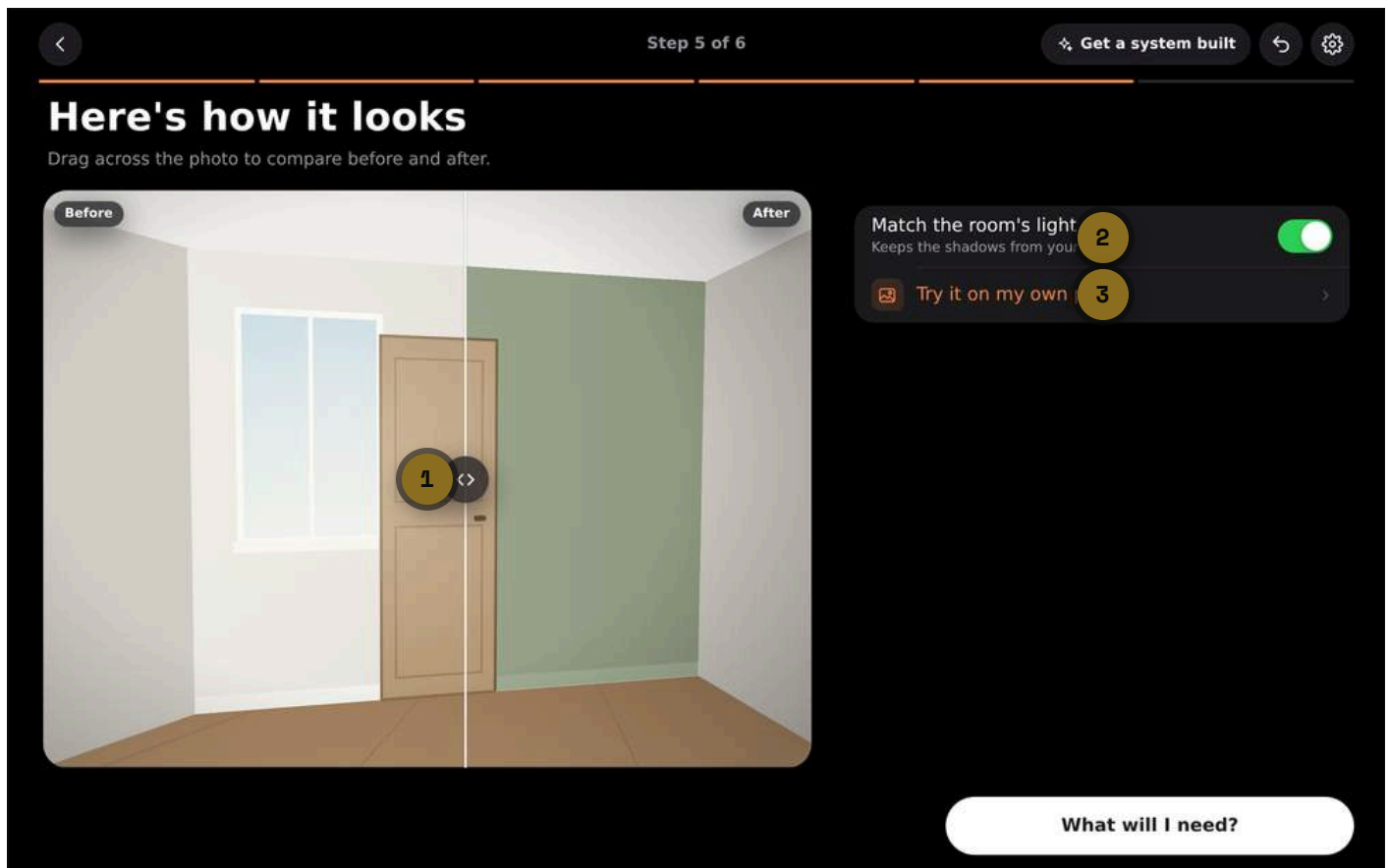
Tile. Choose the shape, color, grout and where on the wall it goes.



Backsplash runs 18 inches up from the counter to the bottom of the wall cabinets. **Lower 4 ft** covers the bottom of the wall. **Whole wall** goes floor to ceiling. **Set height** lets you type your own.

A backsplash also asks for the **Counter height** (floor to the top of the counter), which starts at 36 inches. Tiles include 10% spare for cuts; tap the tile line to change it to 5% or 15%. You can also turn on **Also paint the rest of the wall** to add paint for the part above the tile.

STEP 5 · HERE'S HOW IT LOOKS

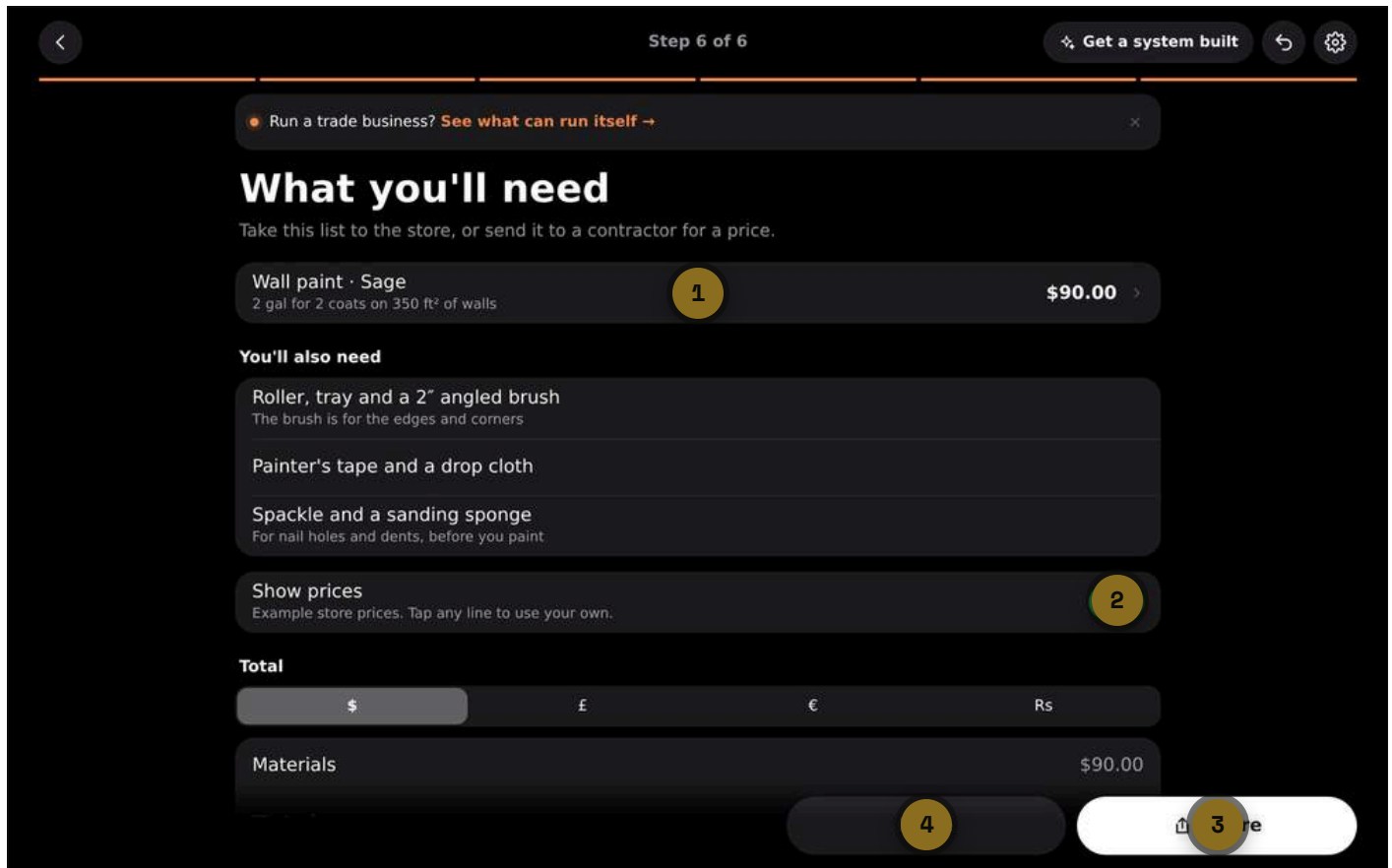


Before and after.

- 1 Drag across the photo to compare the wall before and after.
- 2 **Match the room's light** keeps the shadows from your photo, so the result looks real.
- 3 **Try it on my own photo**, or line up your photo again.

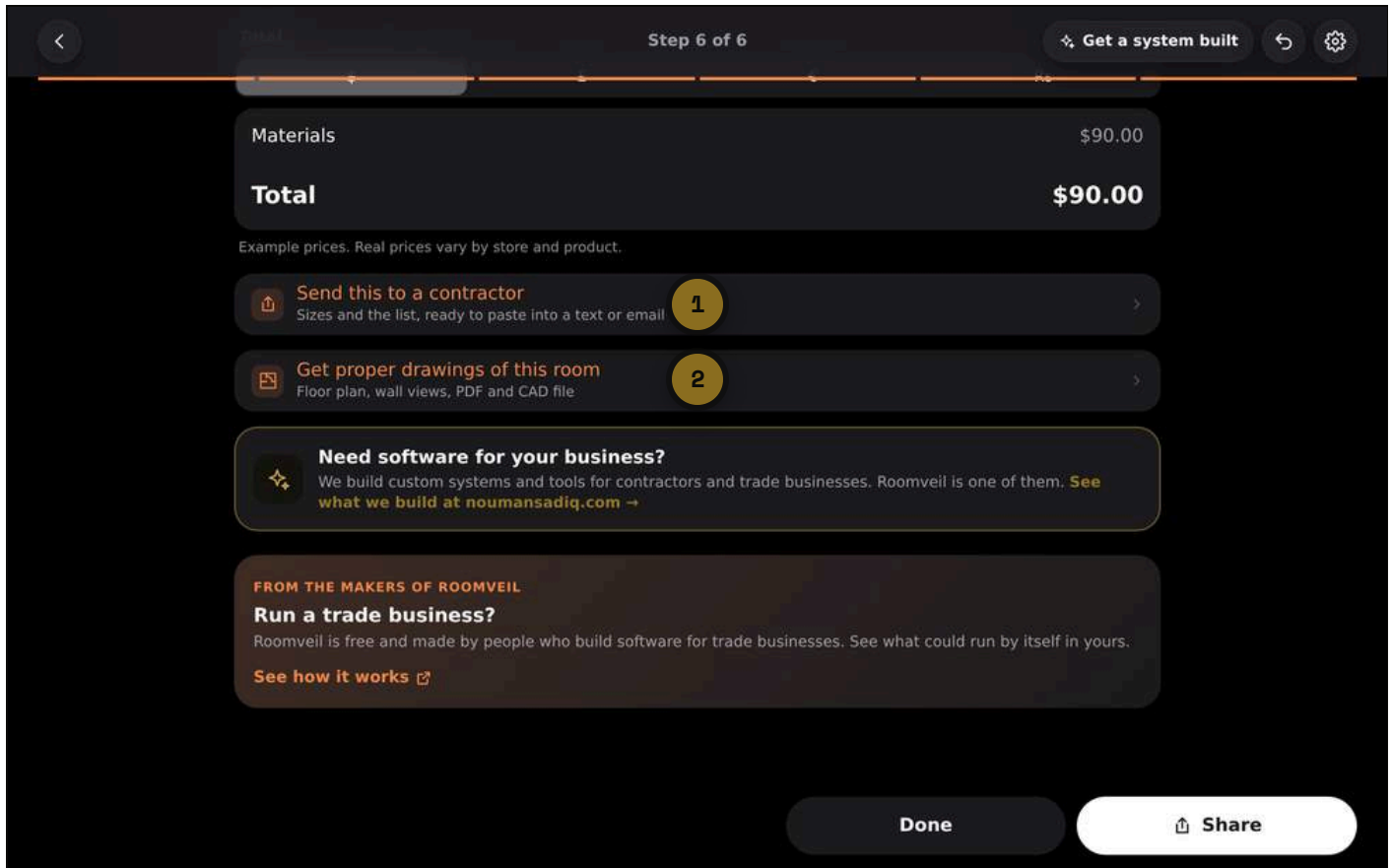
With your own photo, a **Covering furniture or plants?** row appears. Brush over anything that stands in front of the wall, and it stays in front of the new finish.

STEP 6 · WHAT YOU'LL NEED



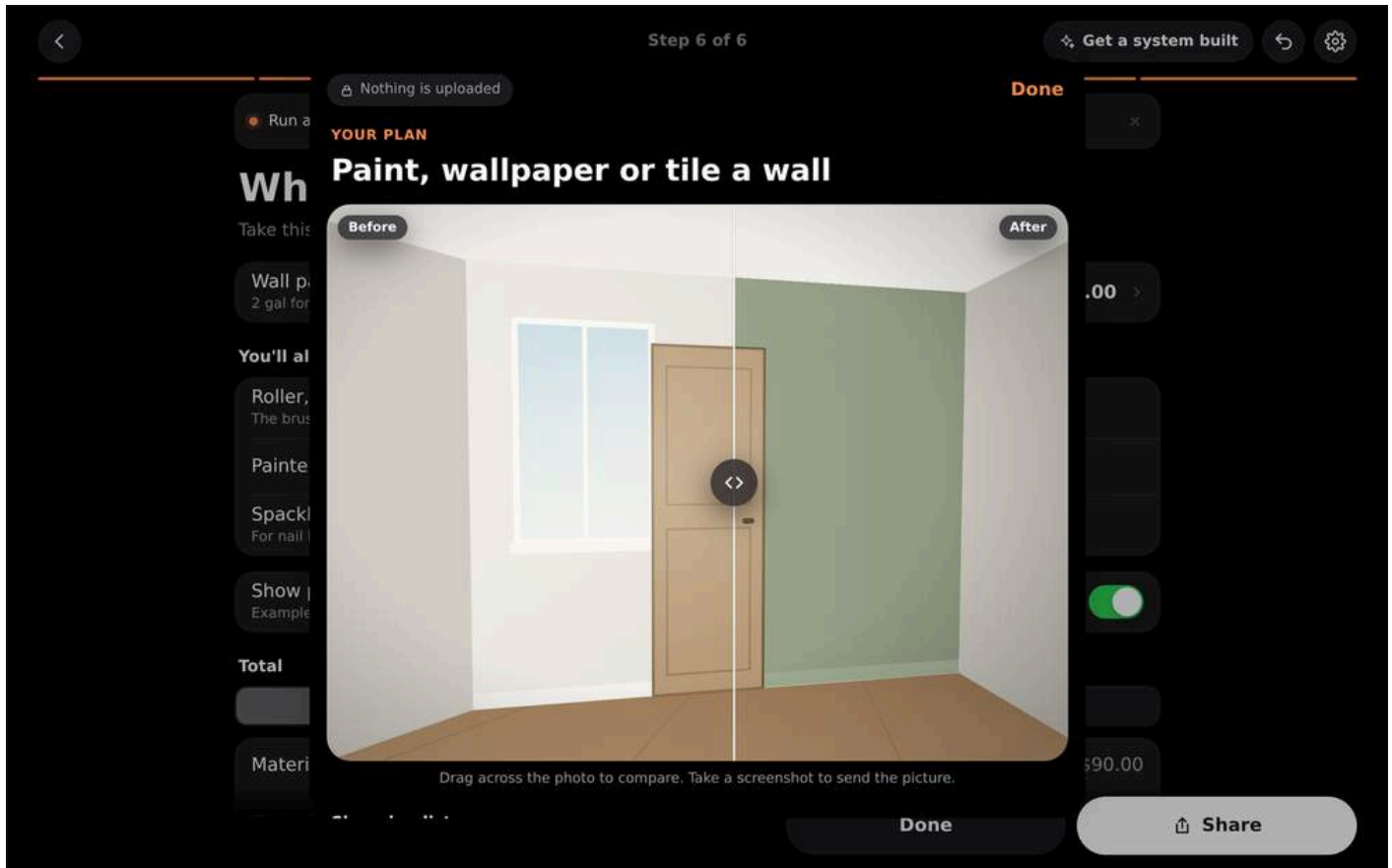
The shopping list.

- 1 Each line shows what to buy and how it was worked out. Tap a line to see the working and set your own price.
- 2 **Show prices:** example store prices. Turn them off to hide money altogether.
- 3 **Share** sends the list and your plan.
- 4 **Done** goes back to the homepage.



Further down the list.

- 1 **Send this to a contractor** opens your phone's share menu (on a computer, it copies instead) with your sizes and the list, ready for a text or email.
- 2 **Get proper drawings of this room** opens drawing mode. The first time, your sizes are already in; if drawings are already saved on this device, those open instead.



Share. **Share** sends the list as text, ready for WhatsApp, email or a message. **Copy** copies it. Take a screenshot to send the picture.

HOW THE PAINT IS WORKED OUT

Paint covers about **375 ft² per US gallon** (makers say 350 to 400), or about **10 m² per litre**. Roomveil takes the doors and windows off the wall area, multiplies by the coats, divides by the coverage and rounds up to cans you can buy. A little over a whole gallon becomes a gallon and a quart, not two gallons. Walls and ceilings use different paint, so the ceiling is a separate line.

CHECK THE LABEL

Roomveil uses about 375 ft² per gallon for every paint. If your label says a much lower coverage (some thick or cheap paints do), buy a little extra. You can change the coats and the price on the paint line.

FLOORS: PLANKS AND TILES

Wood or vinyl planks and floor tiles, and how many boxes to buy.

See new wood planks or floor tiles in your room, and find out how many boxes to buy, with spare for cuts.

STEP 1 · HOW BIG IS THE ROOM?

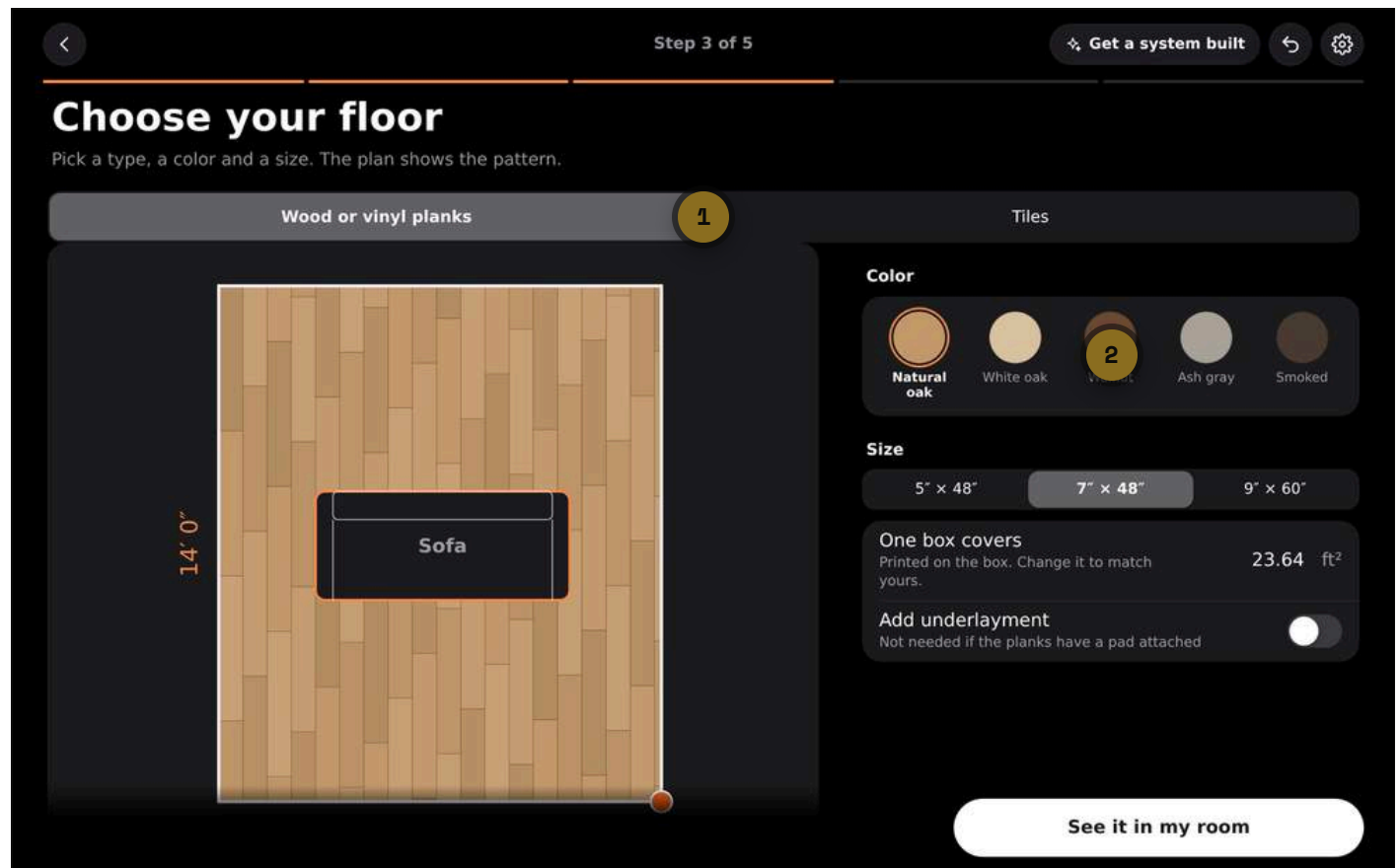
Step 1.

- 1 The room from above, to scale. Drag the orange dot to resize it.
- 2 Add a **Sofa**, **Bed** or **Table** to check the layout. Fitted pieces under **More**, like kitchen cabinets or a wardrobe, are left out of the floor area.

STEP 2 - ADD A PHOTO (OPTIONAL)

Take one photo of the room showing the floor, then drag the four orange dots onto the points where the floor meets the walls. Or use the sample room.

STEP 3 - CHOOSE YOUR FLOOR

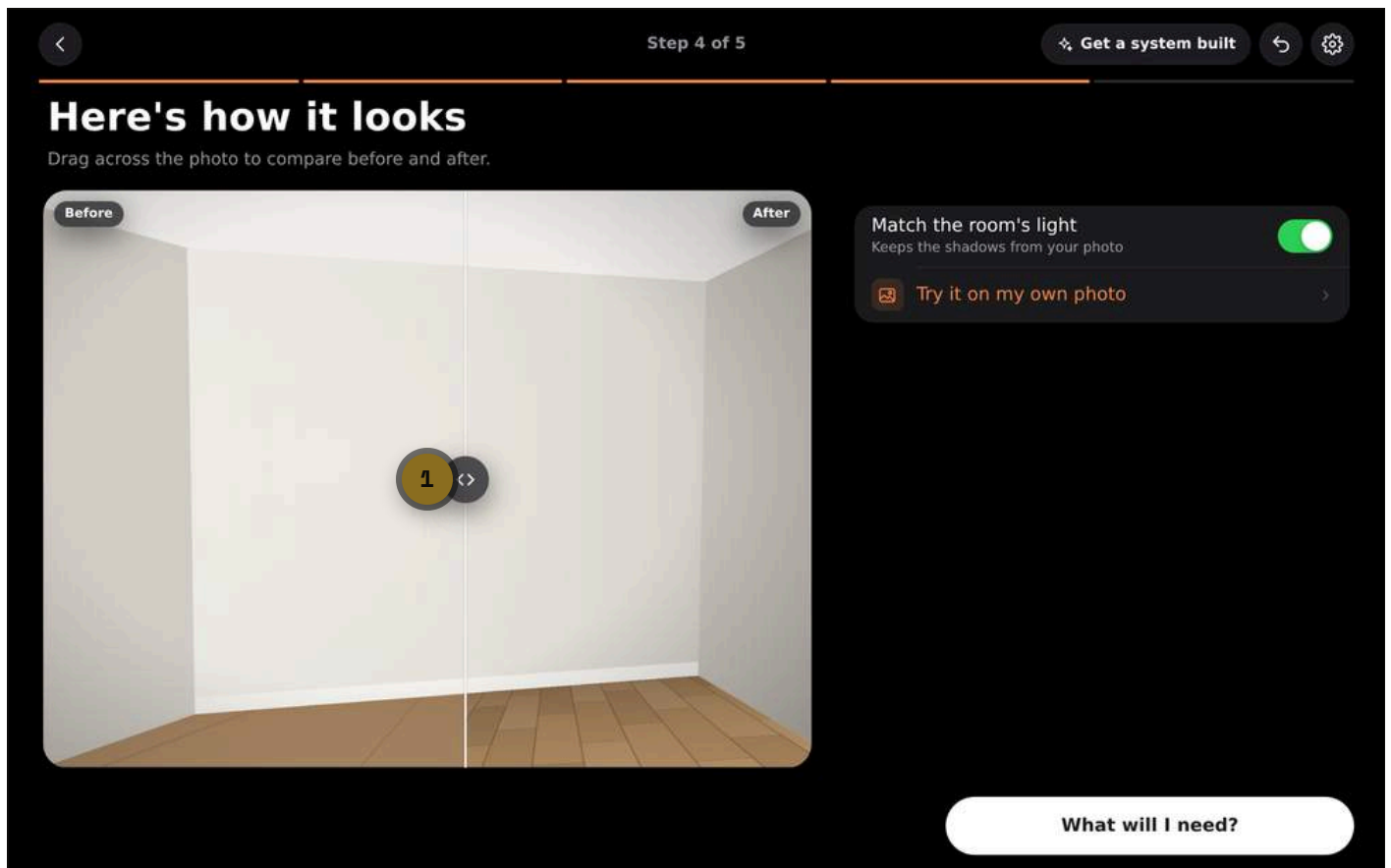


Choosing a floor.

- 1 Wood or vinyl planks, or Tiles.
- 2 Color, then size.

- **One box covers:** the area printed on the box. Change it to match yours; this number decides how many boxes you buy.
- **Add underlayment:** the foam layer under the floor. Not needed if the planks have a pad attached.

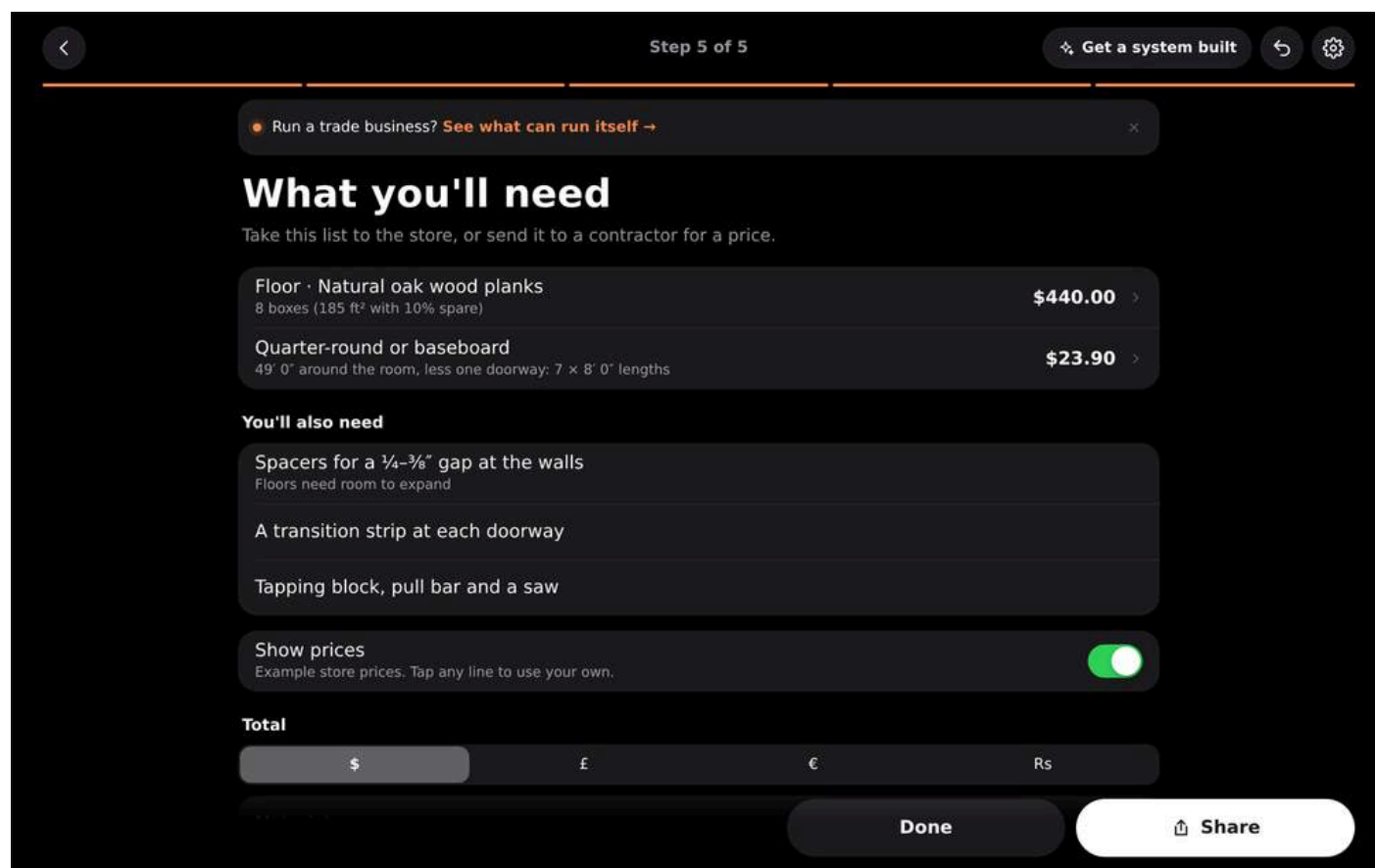
STEP 4 · SEE IT IN YOUR ROOM



Before and after. Drag across the photo to compare.

- 1 Drag across the photo.

STEP 5 · WHAT YOU'LL NEED



The floor list: boxes, the trim around the room, and the tools and bits you also need.

The area is the room's floor plus **10% spare** for cuts and mistakes, divided by the box coverage and rounded up. Tap the floor line to change the spare to 5% (simple rooms, straight lay) or 15% (lots of corners, or a diagonal pattern).

BUY FROM ONE BATCH

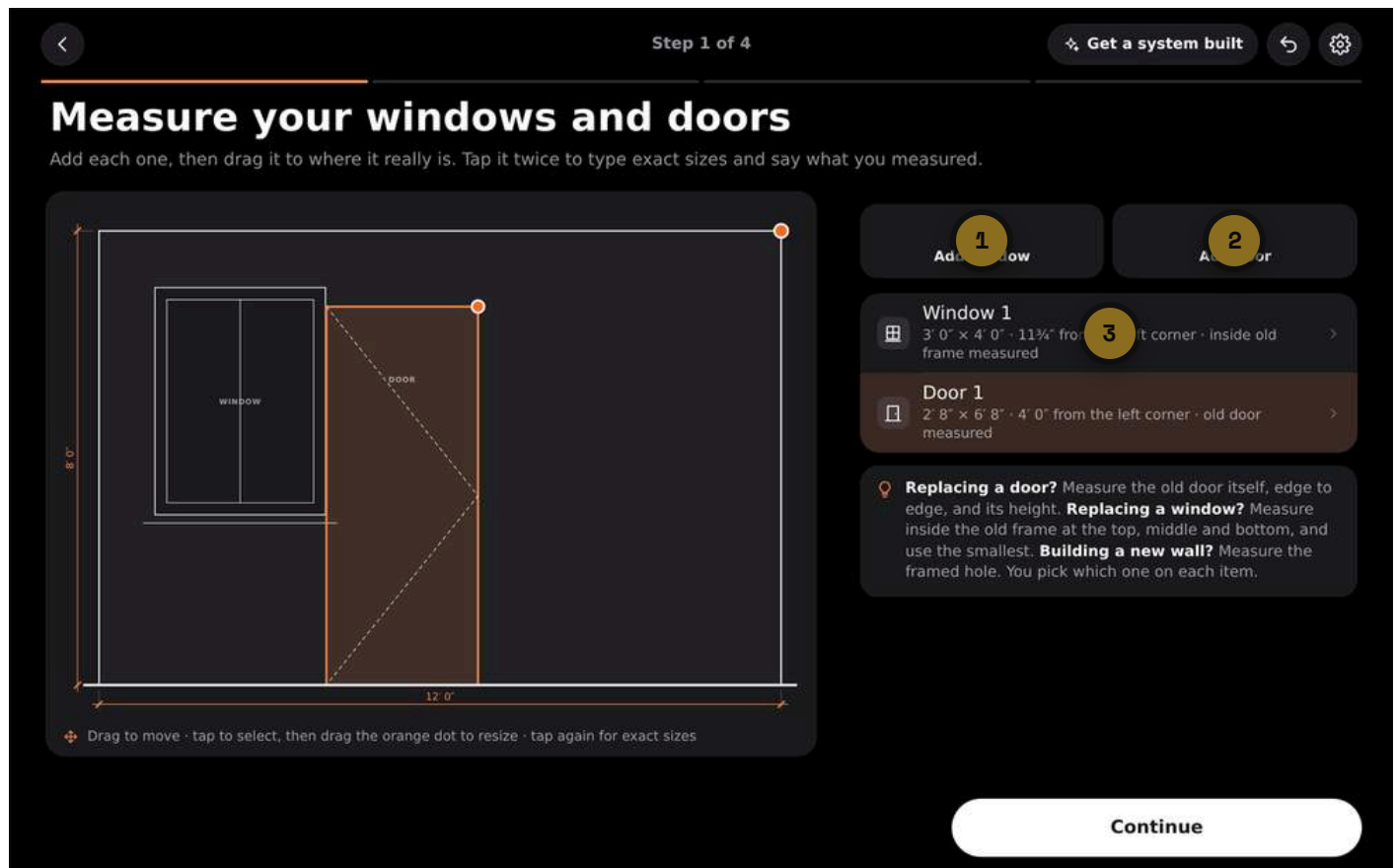
Like wallpaper, floor boxes can vary a little in color between batches. Buy them together and keep one spare box for repairs.

DOORS AND WINDOWS: STYLES AND SIZES TO ORDER

Choosing new doors and windows and the right size to order.

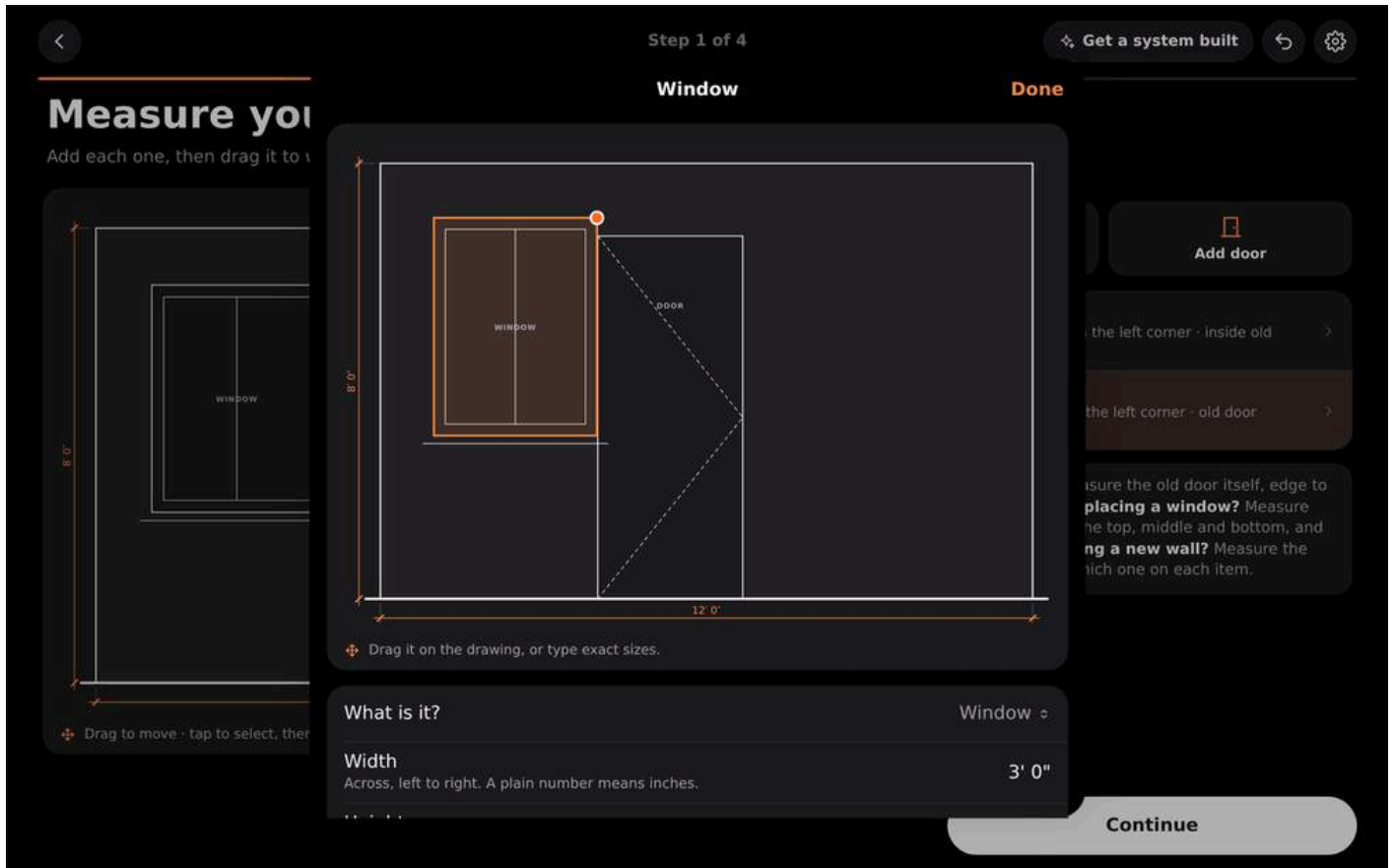
Choose new windows and doors, see them in your room, and get the size to order. The most important part is telling Roomveil what you measured.

STEP 1 · MEASURE YOUR WINDOWS AND DOORS



A window and a door added.

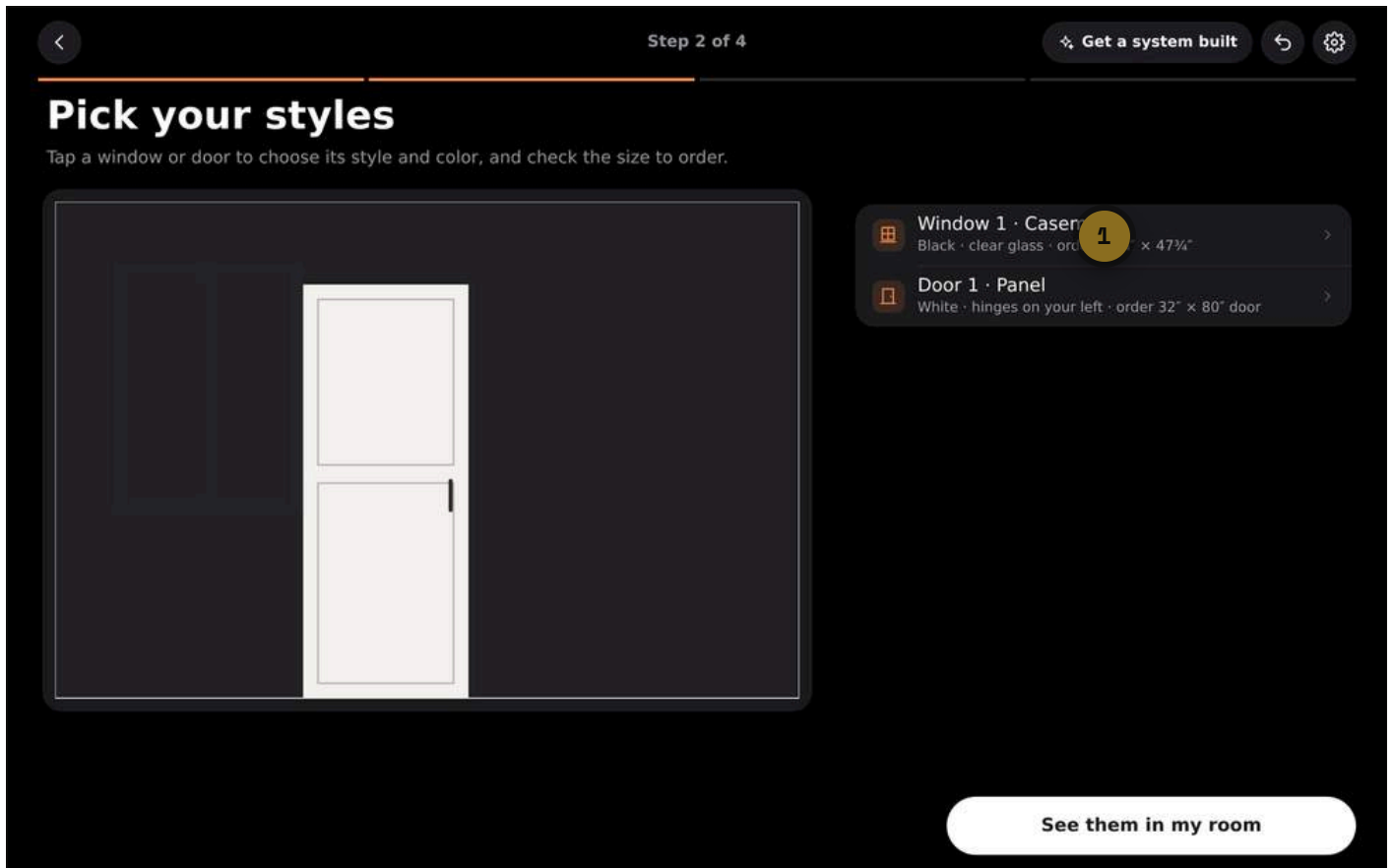
- 1 Add window.
- 2 Add door.
- 3 Each one is listed with its size and what you measured. Tap it to change them.



Exact sizes. At the bottom, **What did you measure?** For a window: inside the old frame, or the framed hole. For a door: the old door itself, or the framed hole.

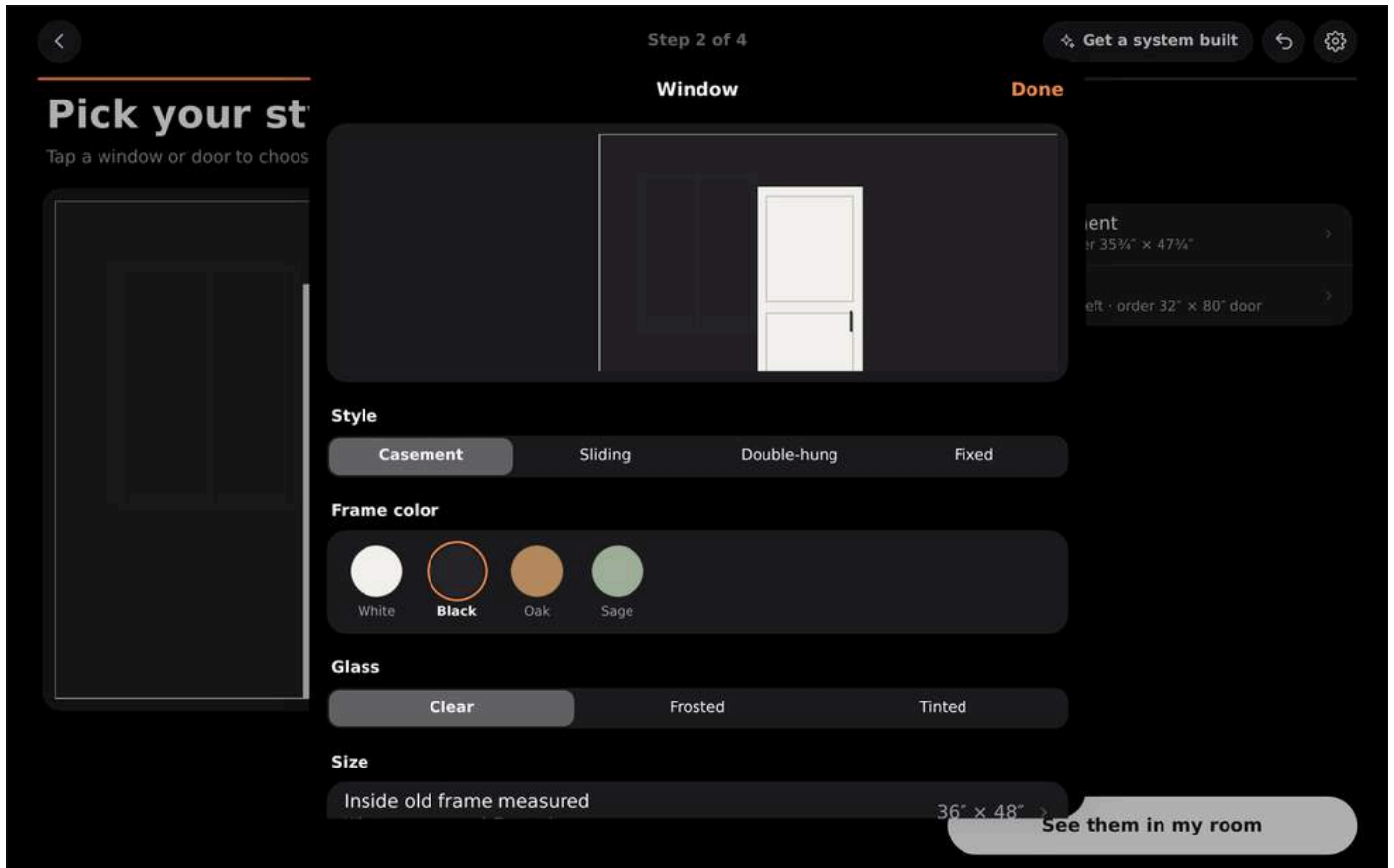
See Measuring doors and windows for the three ways to measure and what each one means.

STEP 2 · PICK YOUR STYLES



Your windows and doors, each with its style and the size to order.

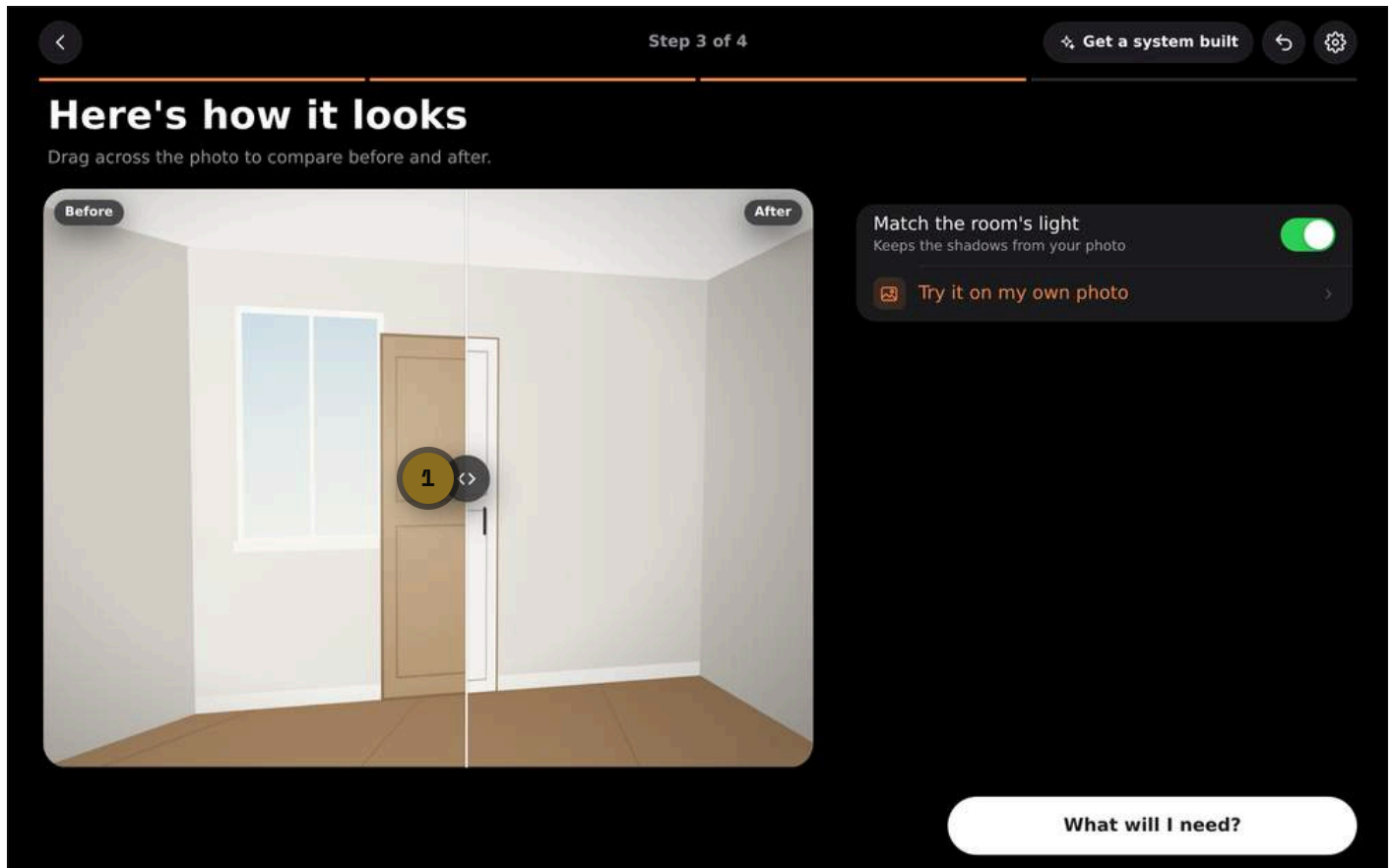
- 1 Tap one to choose its style.



A window: style (casement, sliding, double-hung or fixed), frame color, glass (clear, frosted or tinted), and at the bottom the size to order.

Doors also ask **Which side are the hinges?** Stand on the side the door opens toward you, look at it, and choose **On my left** or **On my right**.

STEP 3 · SEE THEM IN YOUR ROOM



Before and after.

- 1 Drag across the photo to compare.

STEP 4 · WHAT YOU'LL NEED

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Step 4 of 4

Get a system built

↶ ⚙

Run a trade business? [See what can run itself →](#)

What you'll need

Take this list to the store, or send it to a contractor for a price.

Window · Casement
Inside old frame measured: 36" × 48". Order about 35¾" × 47¾"

\$350.00 >

Door · Panel
Old door measured: 32" × 80". Order a 32" × 80" door.

\$280.00 >

You'll also need

Shims and low-expansion foam
To level and seal the frame

Caulk and trim (casing)
To finish around the frame

Show prices
Example store prices. Tap any line to use your own.

☒

Total

\$

£

€

Rs

Materials

\$630.00

Done

Share

The order list. Each line repeats what you measured and the size to order.

BEFORE YOU PAY

Show the list to your supplier. They confirm the exact size, and some makers use their own standard sizes.

BATHROOMS: LAYOUT AND SPACE CHECK

Placing fixtures, the code space check and drain slope.

Place a toilet, sink, tub and shower on a plan of your bathroom. Roomveil checks that each one has the space the common US building code asks for, and works out the drain slope for your plumber.

STEP 1 · HOW BIG IS THE BATHROOM?

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Step 1 of 4

Get a system built

How big is the bathroom?

Measure the floor from wall to wall: across, then from front to back.

8' 0"

5' 0"

Width5' 0"

Length8' 0"

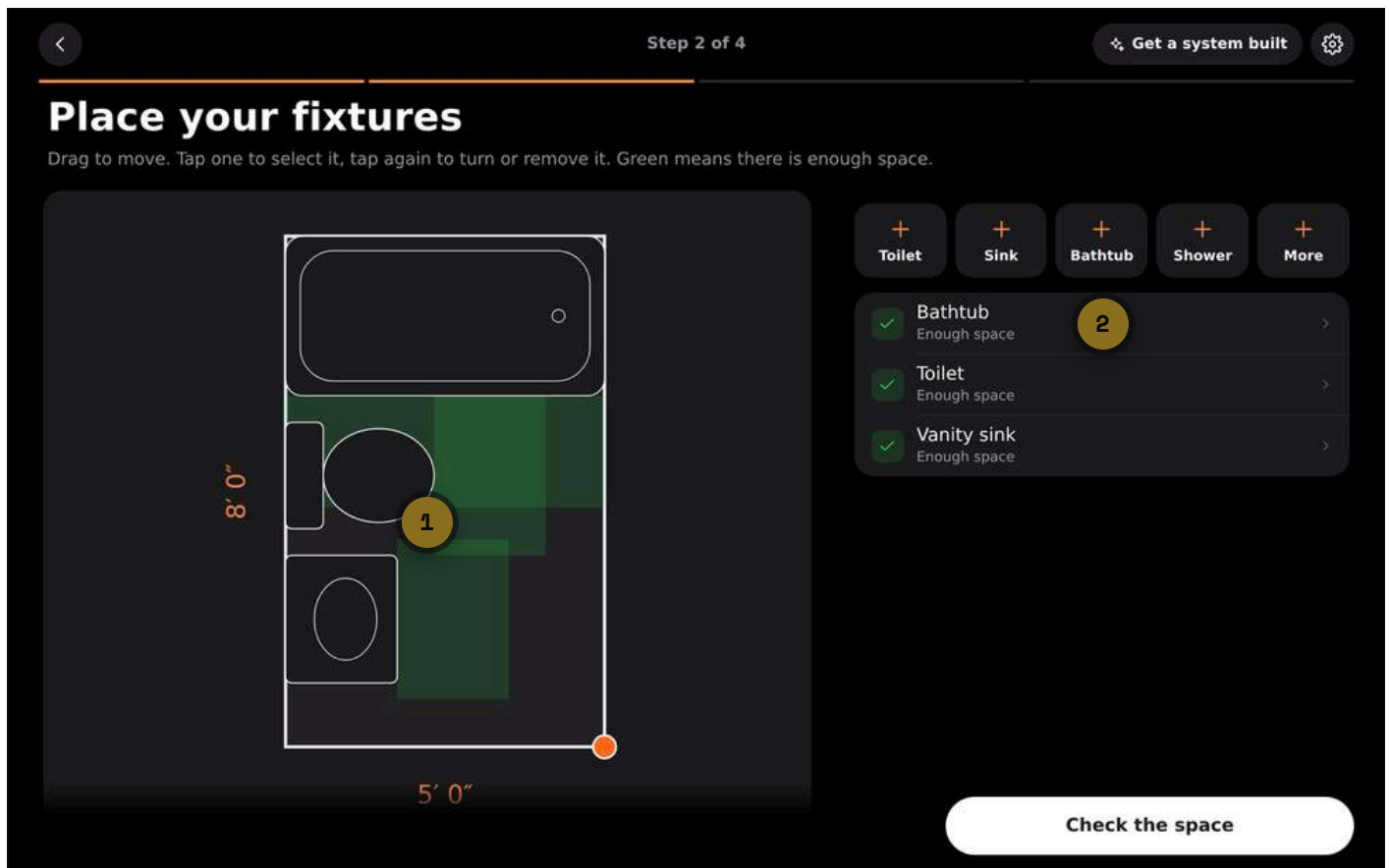
Units

mmcmmtinftft-in

Continue

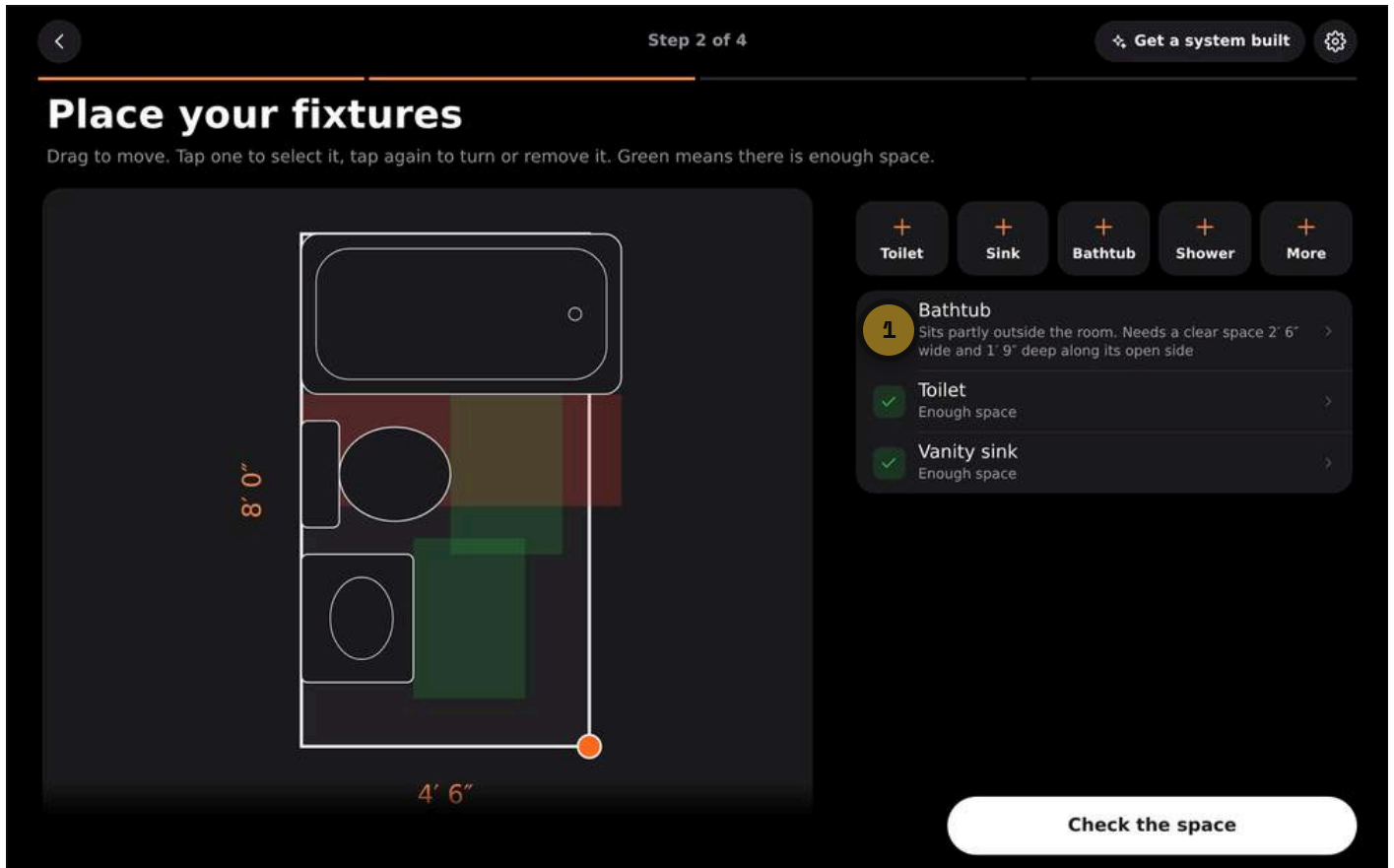
Type the width and the length, wall to wall. A standard bathroom is filled in to start (in feet: a tub, toilet and vanity; in metric: a shower, toilet and sink). Change it to your sizes.

STEP 2 · PLACE YOUR FIXTURES



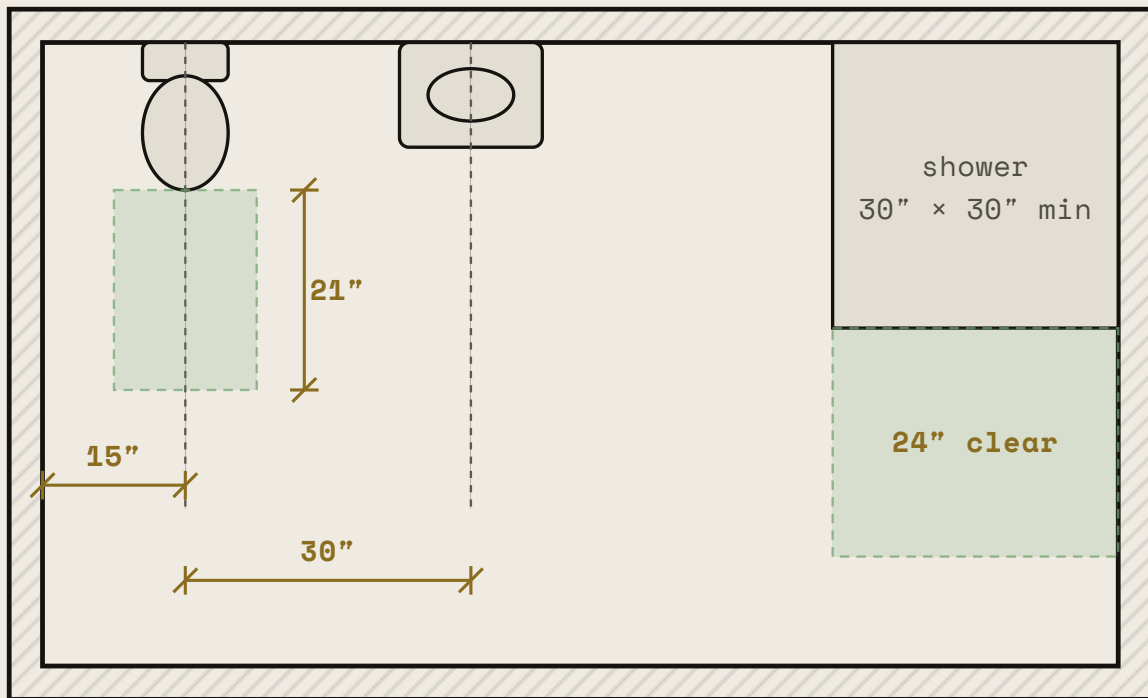
Placing fixtures.

- 1 Drag a fixture to move it. Tap to select it, tap again to turn it or remove it. The green area in front of each is the space it needs.
- 2 Each fixture shows **Enough space**, or what is wrong.



When something does not fit, it turns red and says why. Here the room was made 4' 6" wide, too narrow for a 5 ft tub.

- 1 The problem, in plain words.



15" from a toilet or sink center to a wall or anything beside it
 30" center to center · 21" clear in front · shower 30" x 30", 24" in front

The minimum spaces Roomveil checks (International Residential Code P2705.1 and R307.1).

STEP 3 · SPACE CHECK

<

Step 3 of 4

Get a system built

⚙

Space check

Everything has the space it needs.

✓ Bathtub

Enough space

>

✓ Toilet

Enough space

>

✓ Vanity sink

Enough space

>

For your plumber

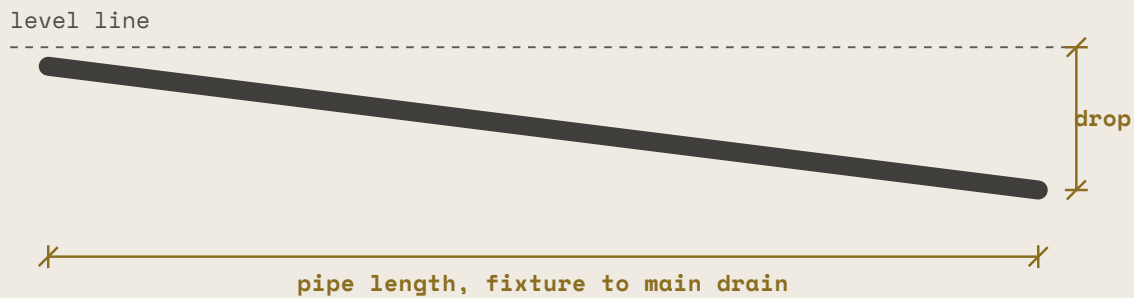
Drain pipe length	10' 0"
From the fixture to the main drain	
How much it should drop	2½"
½" per foot, for pipes 2½" wide or less	
For 3" to 6" pipes	1¼"
⅜" per foot	
Toilet drain from the wall	12"
The most common size for new toilets	

The space rules are the common US code minimums (International Residential Code P2705.1 and R307.1), and the drain slopes are from P3005.3. Your city may ask for more, so check with your local building department.

Continue

The space check, and the numbers for your plumber: drain slope and the toilet rough-in.

Type the **Drain pipe length**, from the fixture to the main drain, and Roomveil works out how much the pipe must drop.



$\frac{1}{4}$ " drop per foot for pipes 2 $\frac{1}{2}$ " or smaller · $\frac{1}{8}$ " per foot for 3" to 6" pipes
Example: 10 ft of 2" pipe drops 2 $\frac{1}{2}$ ".

Drain pipes must slope down to the main drain (IRC P3005.3).

YOUR CITY MAY ASK FOR MORE

These are the common minimums. Some cities ask for more space, and accessible bathrooms need much more. Check with your local building department before you build.

STEP 4 - WHAT YOU'LL NEED

<

Step 4 of 4

Get a system built

Run a trade business? See what can run itself →

What you'll need

Take this list to the store, or send it to a contractor for a price.

Bathtub 60" x 30" Standard alcove tub	\$800.00
Toilet, 12" rough-in Check the rough-in before you buy	\$250.00
Vanity sink 24" wide Top and sink usually included	\$420.00

You'll also need

Wax ring and closet bolts
For the toilet

Faucet, drain kit and supply lines
Often sold separately from the sink

Silicone caulk
Around the tub, shower and sink

Show prices
Example store prices. Tap any line to use your own.

Total

Done

Share

The fixtures and the small parts that are easy to forget: wax ring, supply lines, drain kit and caulk.

Check the **rough-in** before you buy a toilet: most new toilets are made for a drain 12 inches from the wall, some for 10 or 14.

MEASURED DRAWINGS: PLAN, WALLS, PDF AND CAD

Plan, wall views and lists; PDF, CAD and spreadsheet exports.

Draw a measured room: a floor plan, the four walls, and lists of doors, windows and finishes. Print them to a real scale, save them as a PDF, or send a CAD file to an architect or builder. Roomveil keeps your drawings on this device.

STEP 1 · DRAW YOUR ROOM

Step 1 of 5

Get a system built

Draw your room

Measure the floor from wall to wall, and from the floor up to the ceiling. Drag the orange dot or type the sizes.

12' 0"

14' 0"

8' 0"

LIVING ROOM

1

Room name

2

Living room

Width, wall to wall

12' 0"

Length, front to back

14' 0"

Ceiling height

8' 0"

More details (optional): wall thickness, room number, is it square?

What are you drawing?

3

The room as it is

A new layout

Units

mm

cm

m

in

ft

ft-in

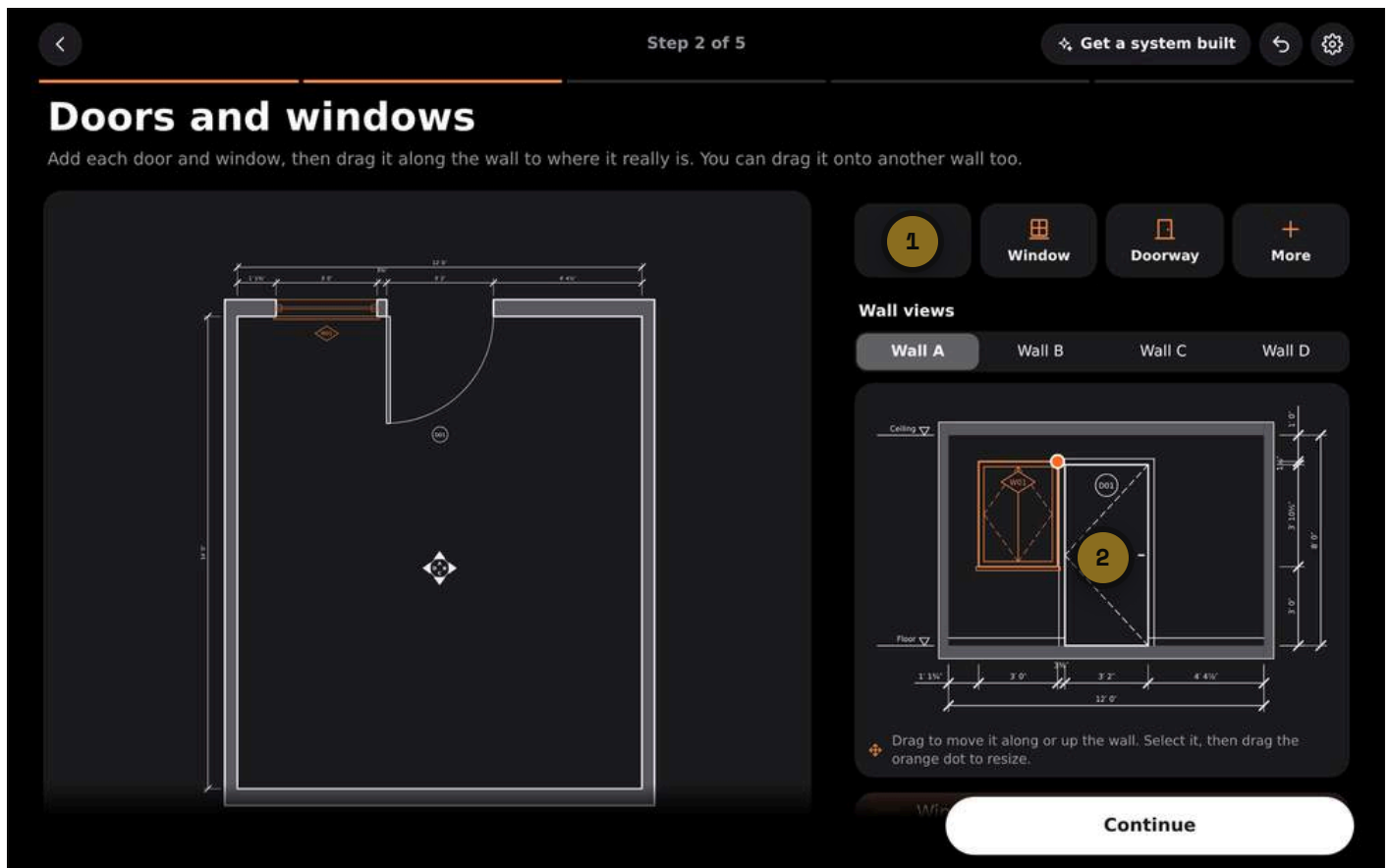
A laser measure or the **Measure** app on iPhone works well. Type any unit, such as 4.2m, 420cm or 13' 9".

Continue

The room.

- 1 The plan. Drag the orange dot to resize. The walls are named A, B, C and D, clockwise from the top.
- 2 Room name, width, length and ceiling height. **More details** adds wall thickness, the room number and a check that the room is square.
- 3 **The room as it is** (a survey) or **A new layout** (a design).

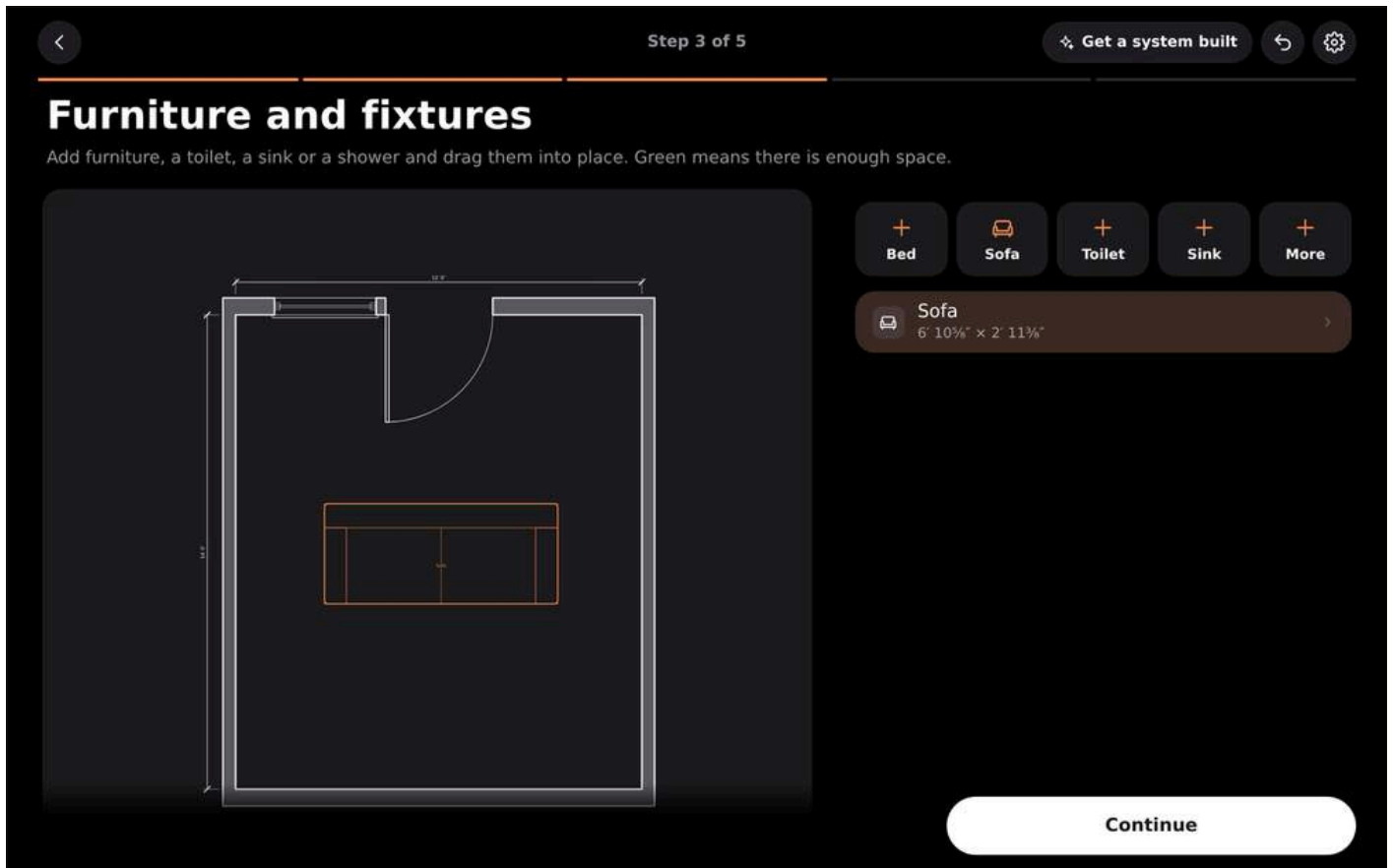
STEP 2 · DOORS AND WINDOWS



A door and a window on wall A.

- 1 Add a **Door**, **Window** or **Doorway**. **More** has built-in closets, fireplaces, radiators, and sockets or switches. Tap a door to make it hinged, double, sliding or pocket.
- 2 The wall view. Drag the window up or along the wall; the sizes to each side update as you go.

STEP 3 · FURNITURE AND FIXTURES



Furniture and fixtures are optional. Green means there is enough space around them.

STEP 4 · FLOOR, WALLS AND CEILING

<

Step 4 of 5

Get a system built

↶ ⚙

Floor, walls and ceiling

Write what each surface is, or will be. Pick a suggestion or type your own. You can skip this step.

Floor	Engineered hardwo
Baseboard	MDF base, painted
Walls	Gypsum board, pai
Each wall on its own	>
Ceiling	Gypsum board, pai
Baseboard height	3½"
Notes	

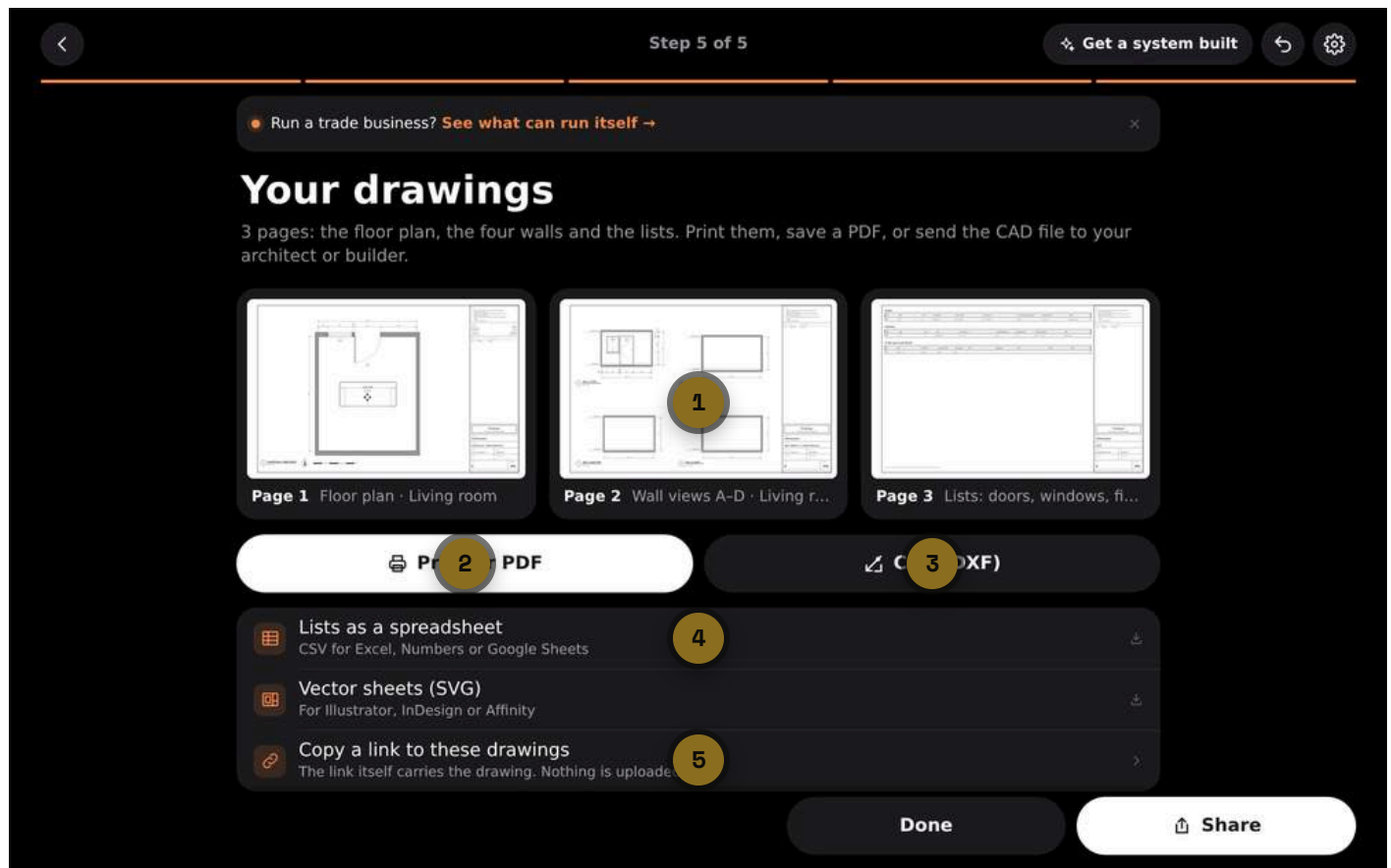
How much surface there is

Floor area	168 ft²
Wall area to finish Doors, windows and built-ins taken off	382 ft² >
Ceiling	168 ft²

See the drawings

Write what each surface is, or will be, then read the areas: floor, walls to finish, ceiling, baseboard, distance around, air volume and paint.

STEP 5 · YOUR DRAWINGS



Your drawings.

- 1 Three pages: the floor plan, the four walls, and the lists. Tap a page to look closer.
- 2 **Print or PDF.** In the print window, choose **Save as PDF** to keep a file.
- 3 **CAD (DXF):** a file for AutoCAD and other drawing programs, in inches or millimeters to match your units.
- 4 **Lists as a spreadsheet:** CSV for Excel, Numbers or Google Sheets.
- 5 **Copy a link to these drawings.** The whole drawing travels inside the link; nothing is uploaded.

Vector sheets (SVG) are there too, for Illustrator, InDesign or Affinity.

FOR ARCHITECTS AND DESIGNERS

- Switch to **Architectural** in Settings (or **Architect's terms** on the homepage) for sill height, AFF, FFL, structural or rough opening, and schedules. The US version uses feet and inches; the UK version

uses millimeters.

- Sheets come in A3, A4, 11 × 17 or Letter, at a standard scale from 1:20 to 1:500, or 1/2" to 1/16" = 1'-0", with a title block and revision. With Architectural words the sheets carry a NOT FOR CONSTRUCTION stamp; everyday sheets say **Check sizes on site before ordering.**
- The DXF (AutoCAD R12) uses AIA / US National CAD Standard layer names such as A-WALL-E, A-DOOR-E, A-GLAZ-E and A-ANNO-DIMS.
- Checks, for guidance: door clear width (ADA 32", Approved Document M4(1) 775 mm), door swings hitting furniture, fixture space, and rooms out of square.

USE THE WRITTEN SIZES

Never measure off a printed page. Printers can shrink a page slightly; the numbers on the drawing are the truth.

YOUR SHOPPING LIST, PRICES AND SHARING

Reading the shopping list, prices, and sending it on.

Every tool ends on **What you'll need**: the shopping list. This chapter explains how to read it, change it and send it.

READING THE LIST

- The top lines are the main things to buy, with the amount in the sizes stores sell: gallons and quarts, full boxes, whole rolls.
 - **You'll also need** lists the tools and small parts people forget.
 - Tap any main line to see **How we worked it out**. Depending on the line, you can change the coats (paint), the spare for cuts (floors and tiles), the box coverage (floors) and the price.
-

PRICES

The prices are example store prices so you can see a rough total. Tap a line to type the price from your own store. Turn **Show prices** off to hide them. Change the money symbol with the **\$ £ € Rs** buttons under **Total**.

SHARING

- **Share** sends the list as text: to WhatsApp, email or a message. Take a screenshot of the before and after to send the picture.
- **Send this to a contractor** opens your phone's share menu (on a computer, it copies instead) with your sizes and the list. A contractor can price it without visiting first to measure.
- **Get proper drawings of this room** opens drawing mode. The first time, your sizes are already in. If you already have drawings saved on this device, those open instead, so check the sizes.

CLOSE THE PAGE AND IT IS GONE

Walls, floors, doors and bathrooms are not saved. Share or screenshot the list before you close the page.

PRO MODE: PRICES, LABOR AND QUOTES FOR TRADES

For trades: price list, labor, markup, tax and a PDF quote.

Pro mode is for painters, flooring and tile installers, window and door fitters, remodelers and general contractors. It turns the shopping list into a priced quote with your labor, your markup and your company name. It is free. Your prices are saved on your device for next time.

TURNING IT ON

Open **Settings** (the cog) and turn on **Pro mode**, or use the **Pro mode** switch in the Professionals part of the homepage. Choose **My trade** so the tips and examples fit your work.

YOUR PRICED LIST

Step 6 of 6

What you'll need

Tap any line to set your price. Then make the quote.

Wall paint · Sage 2 gal + 1 quart for 2 coats on 380 ft² of walls	1	\$105.75 >
Painting labor 380 ft², 2 coats		\$564.85 >

You'll also need

- Roller, tray and a 2" angled brush
The brush is for the edges and corners
- Painter's tape and a drop cloth
- Spackle and a sanding sponge
For nail holes and dents, before you paint

Total

Materials		\$105.75
Labor		\$564.85
Markup, tax and terms 15% on materials · 0% tax on materials	2	\$15.86 >
Total		\$686.46

Done **3** te

The list in Pro mode.

- 1 Materials and labor, each on its own line. Tap a line to set your price.
- 2 **Markup, tax and terms.**
- 3 **Quote** turns the list into a quote for your client.

<

Step 6 of 6

⚙

What you'll need

Tap any line to set your price. Then make the quote.

Wall paint
2 gal + 1 quart

Painting
380 ft² of walls

You'll also need:
Roller, The brush
Painter's tape
Spackle
For nail holes

Wall paint · Sage

Done

You'll need
2 gal + 1 quart for 2 coats on 380 ft² of walls

2.35 gal

How we worked it out. 380 ft² of walls (four walls, less 1 door and 1 window on the other walls and anything you placed on this one), × 2 coats, at about 375 ft² per gallon (most US paints say 350–400). Rounded up to cans you can buy.

Coats
1 coat2 coats3 coats

Price
Price per gallon
Example price. Use the one from your store.

Total

Materials

Labor

Markup, tax and terms
15% on materials · 0% tax on materials

Total

\$105.75

\$664.85

\$15.86

\$686.46

Done

Quote

Tap a line to see how the amount was worked out and to set your own price per gallon, box or roll.

MARKUP, TAX AND TERMS

Step 6 of 6

Markup, tax and terms

Done

Wh

Tap any

Wall p
2 gal +

Paintir
380 ft²

You'll al

Roller,
The brus

Painte

Spackl
For nail

Total

Markup on materials
Built into the material prices your client sees

15 %

Sales tax
If you charge it

0 %

Charge tax on

Materials only Everything Nothing

In some states, including Florida, a contractor doing home repairs usually pays sales tax when buying the materials and builds it into the price, instead of adding it to the client's bill. If that is you, leave Sales tax at 0. Check your state's rule.

Minimum job
0 for none

\$ 0

Deposit to book
Shown on the quote

25 %

Quote valid for

30 days

Material	Markup on materials	\$15.86	105.75
Labor	Tax	\$0.00	564.85
Markup 15% on	Total	\$686.46	86 >

Total

Done

Quote

Markup, tax and terms.

- **Markup on materials** is built into the material prices your client sees.
- **Charge tax on** materials only, everything, or nothing. In some states, including Florida, a contractor doing home repairs usually pays sales tax when buying the materials and builds it into the price, instead of adding sales tax to the client's bill. If that is you, leave **Sales tax** at 0. Rules differ by state and by type of contract, so check yours.
- **Minimum job**, **Deposit to book** and **Quote valid for** are printed on the quote.

YOUR BUSINESS DETAILS AND LABOR RATES

Open it from **Settings → My business and price list** (shown once Pro mode is on), or from **Edit my business details and rates** on the quote.

MAKING THE QUOTE

Step 6 of 6

Nothing is uploaded

Done

Wh

Tap any

Your business name
Add your details in Settings

Client Name .75 >

Job address .85 >

You'll al

Edit my business details and rates

QUOTE Q-261001-0139 · 2026-10-01

Interior painting, whole room

Before After

Total

Material 105.75

Labor 564.85

Marku 15% on .86 >

Done

Quote

The quote: client, job address, the before and after, the lines, subtotal, tax and deposit.

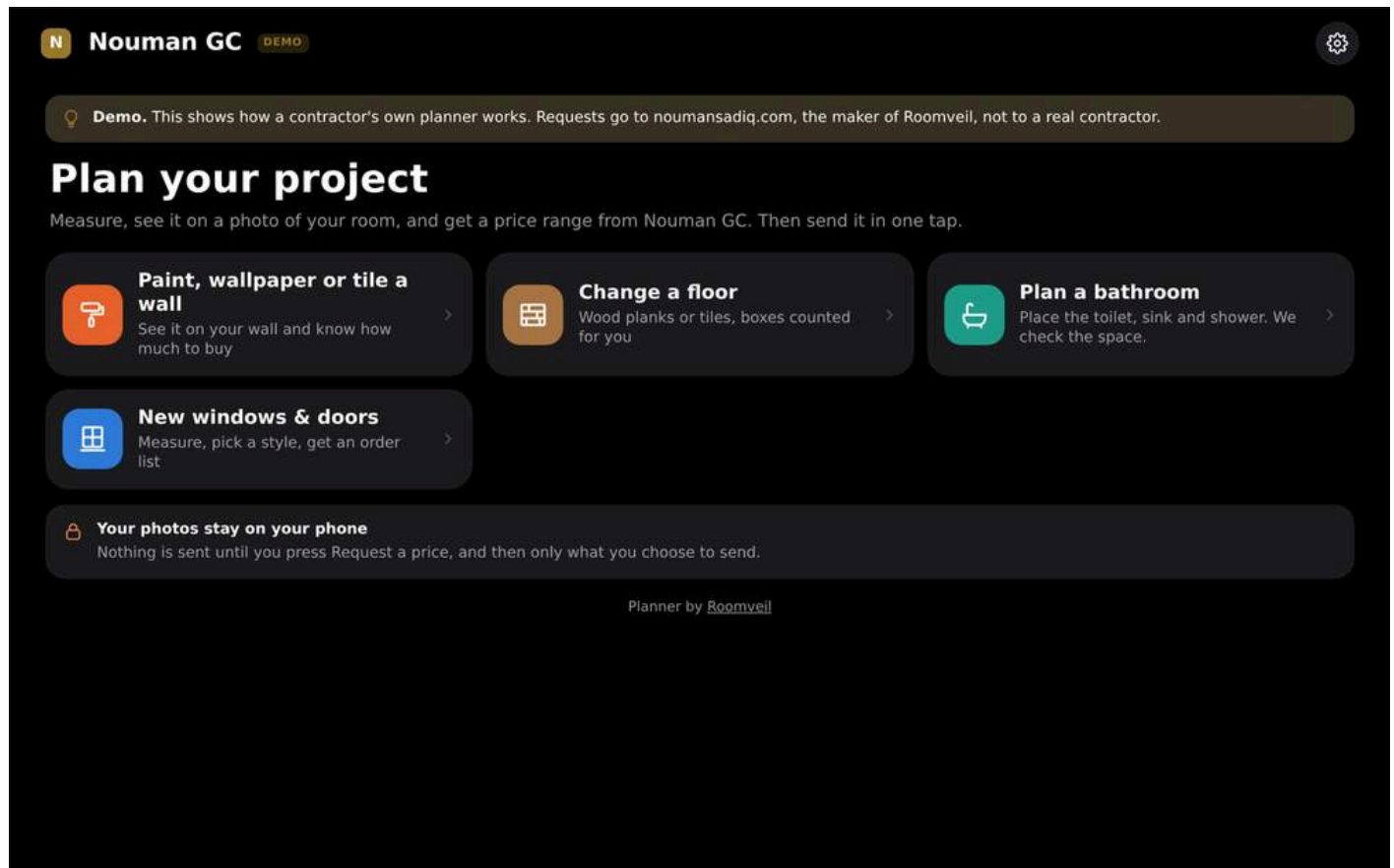
- **Send quote** gives a text quote for WhatsApp, text or email.
- **PDF** opens a one-page quote, with a drawing of the wall, to print or to save as a PDF and attach to an email.

WHOLE-ROOM AND MULTI-ROOM QUOTES

In drawing mode, draw each room once. With Pro mode on, step 4 has **Quote this room** (or **Quote these rooms**), which prices the walls, floor and ceiling of every room from the measured plan. See Measured drawings.

ROOMVEIL ON YOUR OWN WEBSITE

Homeowners can plan the job on your website, with your finishes and your prices, and send it to you measured, with a price range. It works with a noumansadiq.com back-office system.



A contractor's own planner (this is a demo company).

Try the live demo · How it works on your website

HELP AND COMMON QUESTIONS

Fixes for common problems and answers to common questions.

Answers to the questions people ask most. Tap a question to open it.

The paint or tile count seems high.

Tap the line to see the working. Check the coverage on your product's label, the number of coats, and that you added every window and door. Rolls, boxes and cans are rounded up to what stores sell, and floors and tiles include spare for cuts.

My photo looks wrong: the paint goes past the wall.

Go back to the photo step and drag the four orange dots exactly onto the corners of the wall. Where furniture hides a corner, put the dot where the corner would be.

A sofa or plant is painted over.

With your own photo, use **Covering furniture or plants?** on the preview step and brush over it. It stays in front of the new finish.

The preview color does not match my paint chip.

Screens and photos change colors. Use the preview to decide on a color family, then choose the exact color from a real chip at the store, in your room's daylight.

Everything I planned is gone.

Walls, floors, doors and bathrooms are not saved when the page closes. Share or screenshot your list before you close. Room drawings and Pro mode prices are saved on the device you used; they do not move to another phone or computer, and clearing your browser data removes them.

My custom mural says it may print blurry.

The picture has too few pixels for the size of your wall. Tap **It may print blurry** to see how many pixels you need, and find a bigger copy of the picture. Screenshots and pictures sent through chat apps are shrunk.

The numbers do not match what my contractor says.

Roomveil uses common rules of thumb and shows its working. A contractor who has seen the room may know about things a tape measure cannot see. Show them the list; it makes the conversation quicker.

Can I use Roomveil for paid work?

Yes. It is free, including for contractors' commercial use. Turn on Pro mode for prices, labor and quotes.

Are my photos uploaded anywhere?

No. The photo is processed inside your browser and is gone when you close the page. There is no account.

Something is broken or missing.

Email info@noumansadiq.com or send a WhatsApp or text to +1 (929) 939-4060. A real person replies.

GLOSSARY OF BUILDING WORDS

Building words explained in plain English.

The words you may meet in Roomveil and at the store, in plain English.

Baseboard (skirting)	The strip of wood along the bottom of a wall.
Backsplash	Tile on the wall above a kitchen or bathroom counter, usually up to the wall cabinets, about 18 inches.
Batch number	A code on wallpaper, tile and flooring. Different batches can differ slightly in color; buy one batch.
Coats	Layers of paint. Two coats is normal.
Coverage	How much area one can, box or roll covers. It is printed on the label.
DXF	A drawing file that CAD programs such as AutoCAD open.
Elevation (wall view)	A drawing of one wall seen straight on.
FFL / FCL	Finished floor level and finished ceiling level, the heights on a wall view.
Grout	The filler in the lines between tiles.
Hinge side (handing)	Which side of a door the hinges are on, seen from the side it opens towards.

IRC	The International Residential Code, the building code most US towns base their rules on.
Pattern repeat	How far down a wallpaper pattern goes before it repeats. A bigger repeat means more waste.
Plan	A drawing of a room seen from above.
Primer	An undercoat for new drywall, patches or a big color change.
Rough-in	How far the toilet drain is from the wall behind it, usually 12 inches.
Rough opening	The framed hole in the wall that a door or window fits into, stud to stud.
Scale	How much smaller the drawing is than the room, like 1/4" = 1'-0" or 1:50.
Schedule	A table listing every door, window or finish in a drawing.
Sill height	How high the bottom of a window is above the floor.
Slab	The door itself, without its frame.
Underlayment	A thin foam or felt layer laid under a floor.