

Dado Wall Panelling Kit Fitting Guide



Transforming your room has never been easier.
Create your dream wall with a Dado Wall Panelling Kit
in hours, not days, by following these simple steps.

WHAT YOU'LL NEED

- Dado wall panelling kit(s)
- Caulk
- Filling knife
- Tape measure
- Pencil
- Spirit level
- Hybrid Grab Adhesive
- Sealant gun
- Water-based primer
- Paint

YOU MAY ALSO NEED

- 8 x (40mm) pins
- 36 x (20mm) pins
- Square tool
- Fine-toothed hand saw
- Wood filler
- 150-240 grit sandpaper

GET TO KNOW YOUR PANELLING KIT

- Dado rails: 1200mm (L) x 41mm (W) x 20mm (D)
- Rails per pack: 2
- Mouldings per pack: 12 (6 x short and 6 x long)
- Short moulding size: 530mm (L) x 20mm (W) x 9mm (D)
- Long moulding size: 715mm (L) x 20mm (W) x 9mm (D)

PLAN AHEAD

1. Remove any screws, nails or other fixtures from your wall.
 2. Make sure your wall is clean, smooth and level.
Top tip: we recommend noting the placement of cables and concealed pipework to avoid them during installation.
 3. Unbox all your packages and check the mouldings.
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DECIDE ON YOUR LAYOUT

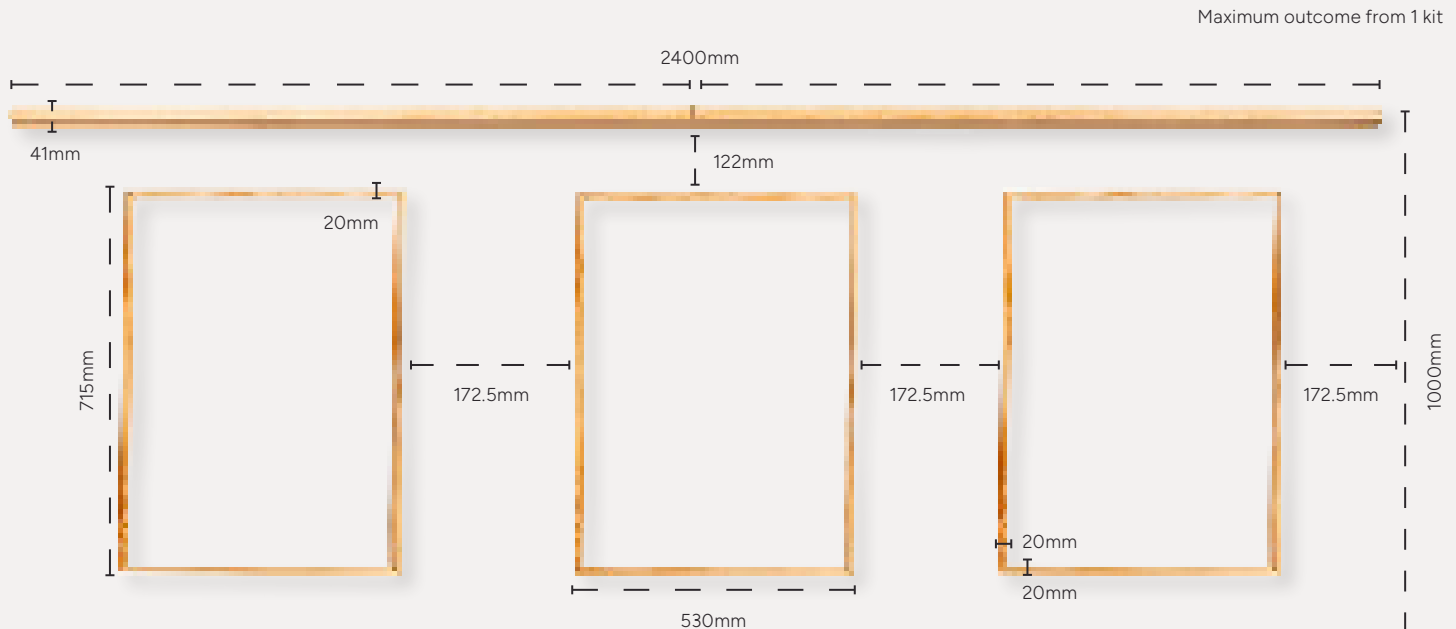
Use our calculations below to achieve Dado half-height panelling. The kit contains 12 mouldings to create three open-panel sections across the 2400mm width of the dado rail. Calculations are based on our example, but the wall measurements can be replaced with yours.

To calculate the width of the horizontal gap between each panel section:

1. Measure (in mm) the width of your wall where you plan to install. Make a note of this measurement e.g. 2400.
Important: depending on how straight your wall is, the measurement may vary slightly.
2. Calculate the total length of three of the short mouldings (these are your horizontal strips) e.g. $3 \times 520 = 1590$.
3. Add the total widths of the six long mouldings (these are your vertical strips) to this calculation e.g. $6 \times 20 = 120$, $1590 + 120 = 1710$.
Subtract the width of the wall from this calculation e.g. $2400 - 1710 = 690$.
4. Divide this number by four to calculate the width of each horizontal gap e.g. $690/4 = 172.5\text{mm}$.

To calculate the length of the vertical gap at the top and bottom of your panelling:

1. Add the length of your panelling section (i.e. the long moulding) and the width of the dado rail e.g. $715 + 41 = 756$.
2. Subtract this calculation from the desired height of your panelling, then divide this number by two to calculate the height of each vertical gap e.g. $1000 - 756 = 244$, $244/2 = 122\text{mm}$.



MAKE YOUR MARK

1. Mark out your design on the wall using a spirit level and a pencil, starting with a horizontal line 122mm up from the bottom edge of your wall or skirting board. Draw a second horizontal line 20mm up from the previous.
2. Draw a third horizontal line 715mm up from the previous. Draw a fourth horizontal line 20mm up from the previous.
3. Draw a fifth horizontal line 122mm up from the previous. Lastly, draw a sixth horizontal line 41mm up from the previous.
4. Draw your first vertical line 172.5mm in from the right side of your wall.
5. Draw a second vertical line 20mm to the left of the previous and another 172.5mm to the left of this one.
6. Repeat the previous step until you reach the other side of your wall.



MAKE THE CUT

If you need to cut your dado rail to fit the width of your wall, we recommend following these steps:

1. Measure where you want to cut.
2. Mark a straight line with a square tool and pencil.
3. Cut the rail horizontally with a fine-toothed hand saw.

Important, if you are extending your paneling round a corner or onto another wall remember that two pieces of molding need to be cut at 45-degree angles to fit together neatly at an internal corner, while two pieces need to be cut at 135-degree angles for an external corner

GET STUCK IN

1. Start at the top of your installation with your dado rails. Apply Hybrid Grab Adhesive along the back length of your first dado rail (Left)
Top tip: one tube of adhesive covers one paneling kit.
2. Position the top of the first dado rail against the top line drawn on the wall, start on the left, ensuring the straight edge is flush with the wall. Top tip: use a spirit level to ensure it's straight.
3. Press firmly to secure it, applying pressure along the length.
4. Repeat for the the second Dado rail (Right) ensuring you match the 45 degree edge up perfectly with the one you've just installed.
Top tip: we recommend pinning the dado rail with 8 x (40mm) pins to aid adhesion.
5. Apply Hybrid Grab Adhesive along the back length of your first horizontal moulding.
6. Starting at the bottom left of your wall, position it against the lines drawn on the wall and press firmly to secure it, applying pressure along the length. Top tip: use a spirit level to ensure it's straight.
7. Repeat for each moulding, working around each panel section ensuring the corners match up for a neat join.
Top tip: we recommend pinning each moulding with 3 x (20mm) pins to aid adhesion and ensure neat corners.
8. Fill any gaps or pin holes with wood filler and caulk all the joins (including where the mouldings meet the wall) for a seamless finish.
Remove the excess and smooth it out with a damp cloth. Any gaps or joins should be less noticeable once filled/caulked and painted.
9. Once dry, lightly sand any filled areas until smooth.
10. After your dado rail and mouldings are installed and dry, you can paint them in your chosen colour and finish. Important: before painting, you'll need to cover the panelling with at least two coats of water-based primer – or until your desired coverage is reached.
Top tip: we recommend sanding lightly before, and in between, paint or primer coats with 150-240 grit sandpaper for the best result.

LAST BUT NOT LEAST

Stand back and marvel at your beautiful wall.

We're here to help with your wall transformation. If you have any questions about installing your Dado Wall Panelling Kit, please contact our customer service team at info@naturewall.com.

