

Angled Drop-Down

Survey and Installation Guide

A complete guide to surveying and installing
angled drop-down sliding wardrobes

February 2025

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Survey Process

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Overview

- It is important to ensure that the survey method is accurate for angled drop-down installations, as any slight variances in recording measurements can result in replacement doors being required.
- The method outlined within this document uses a laser level as a primary tool for undertaking the survey accurately.
- The key is to measure the depth on one wall only, then use the laser level to project lines up the wall and a level line across the ceiling.



Measuring the wardrobe depth on **both sides of the aperture** is fundamentally flawed as the back wall could be out of square and this method assumes that the depth dimensions are the same on both sides.

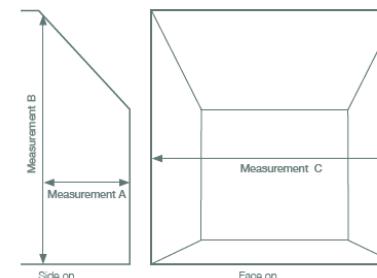
Differing depth dimensions can affect the height dimensions greatly.

As the depth determines the height position, it is important that only one depth side measurement is recorded. This then acts as a point of reference to then project a laser level line across the ceiling in which to measure the height on the opposite wall.

ANGLED DROP-DOWN WARDROBE SURVEY

House builder		Room	
Site		Surveyor	
Plot			

Measurements



IMPORTANT:

- If a nib **IS** present and it is a minimum of 620mm then please measure the aperture height from the front edge of the nib.
- If a nib **NOT** present, then please measure the aperture height with a minimum of 620mm from the back wall and record the depth in the 'A - Wardrobe depth' box.
- If the back wall height is less than 1800mm then please refer back to site as this is below the minimum height of a shelf. Please state in general comments box below.
- Please take the **LOWEST HEIGHT** measurement and **GREATEST WIDTH** measurement and record below.

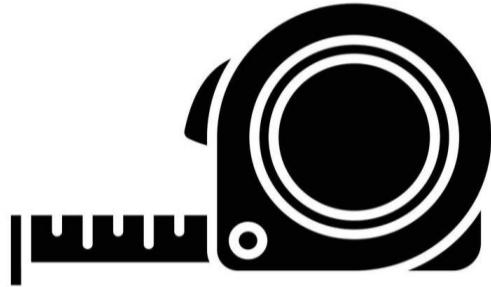
Dimensions

A - Wardrobe depth		mm
B - Lowest aperture height		mm
C - Greatest aperture width		mm

Details

Are the walls out by more than 10mm? (T-liner(s) required)	<input checked="" type="radio"/> Yes <input type="radio"/> No	A 50mm T-liner will be specified as standard. If a larger T-liner is required, please state details:
Is the ceiling out by more than 10mm? (Dropdown required)	<input checked="" type="radio"/> Yes <input type="radio"/> No	A 50mm Dropdown will be specified as standard. If a larger Dropdown is required, please state details:
Is there sufficient access and egress to the site, plot and room?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If NO, please state details:
Are nibs and/or bulkhead built at survey (where applicable)?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	If NO, please state details:
Are any angled cuts to shelves or liners required?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If YES, please state details:
Is internal shelf width greater than aperture width?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If YES, please specify the width in mm:
Is carpet or floorboards/concrete floor present at survey?	<input checked="" type="radio"/> Carpet is present <input type="radio"/> Floorboards/Concrete floor is present	If Other, please state details:
Is coving present at survey?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If YES, please specify the height and width of coving: H: _____ mm W: _____ mm
Are additional fillets required? i.e. due to boxing inside wardrobe	<input checked="" type="radio"/> Yes <input type="radio"/> No	If YES, please state how many additional fillets:
Is an end panel required?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If YES, please state details:
Is the floor plan available on Field Aware?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/> Standard end panel (620mm) <input type="checkbox"/> Bespoke end panel size: _____ mm
General comments:		

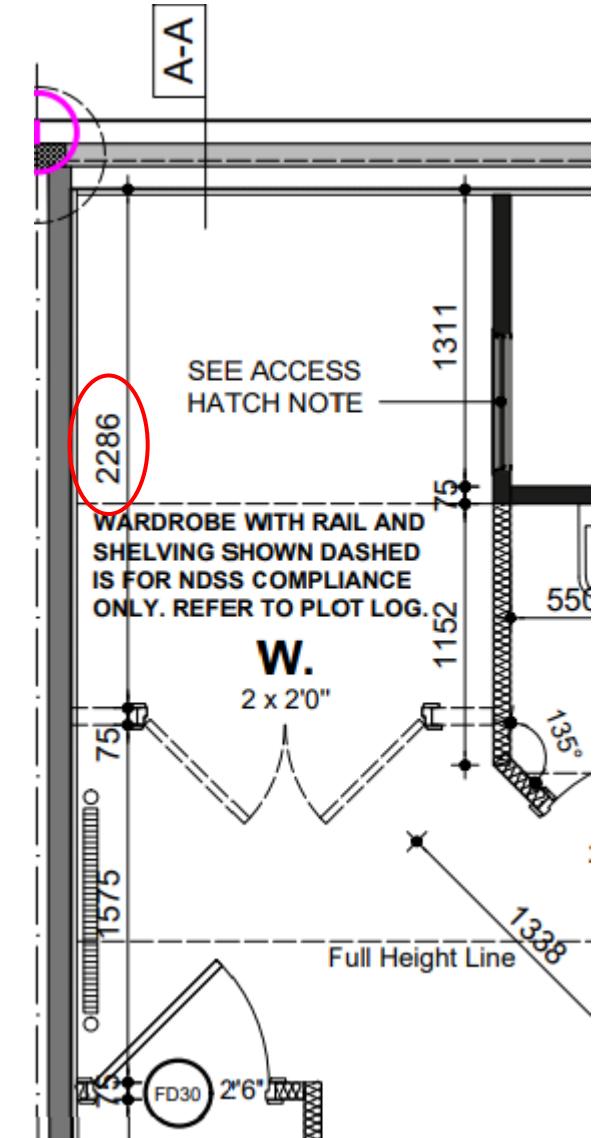
- The person that has surveyed, must install the wardrobe, wherever possible.
- This will ensure consistency between survey and installation.



Step 1



- Start by measuring the wardrobe **DEPTH** on **ONE WALL ONLY**.
- Make a small pencil mark on the skirting to indicate wardrobe depth position. Check the floor plan in case the wardrobe depth is indicated on there – example below:



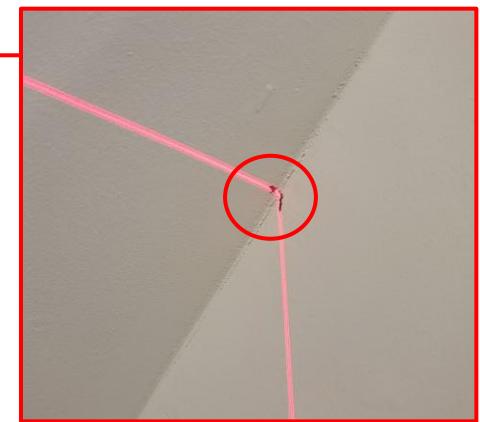
Step 2

- Set up laser level on the floor to project laser line up the wall and across the ceiling – ensuring the laser level line directly intersects with the pencil mark on the skirting.



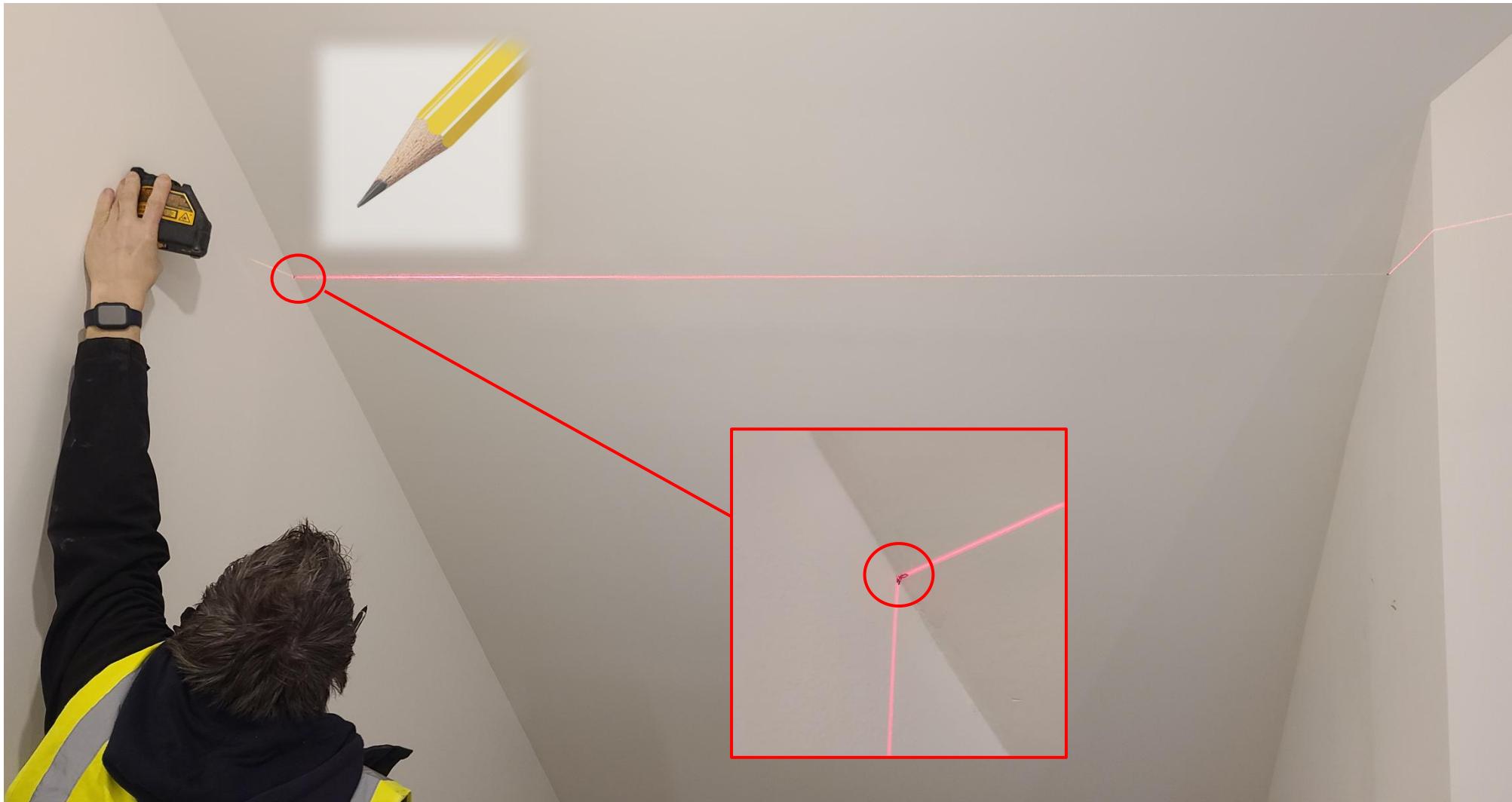
Step 3

- Make a small pencil mark on the ceiling and wall to indicate wardrobe depth and height position.
- These pencil marks can also act as a reference point for the Installer that fits the wardrobe.



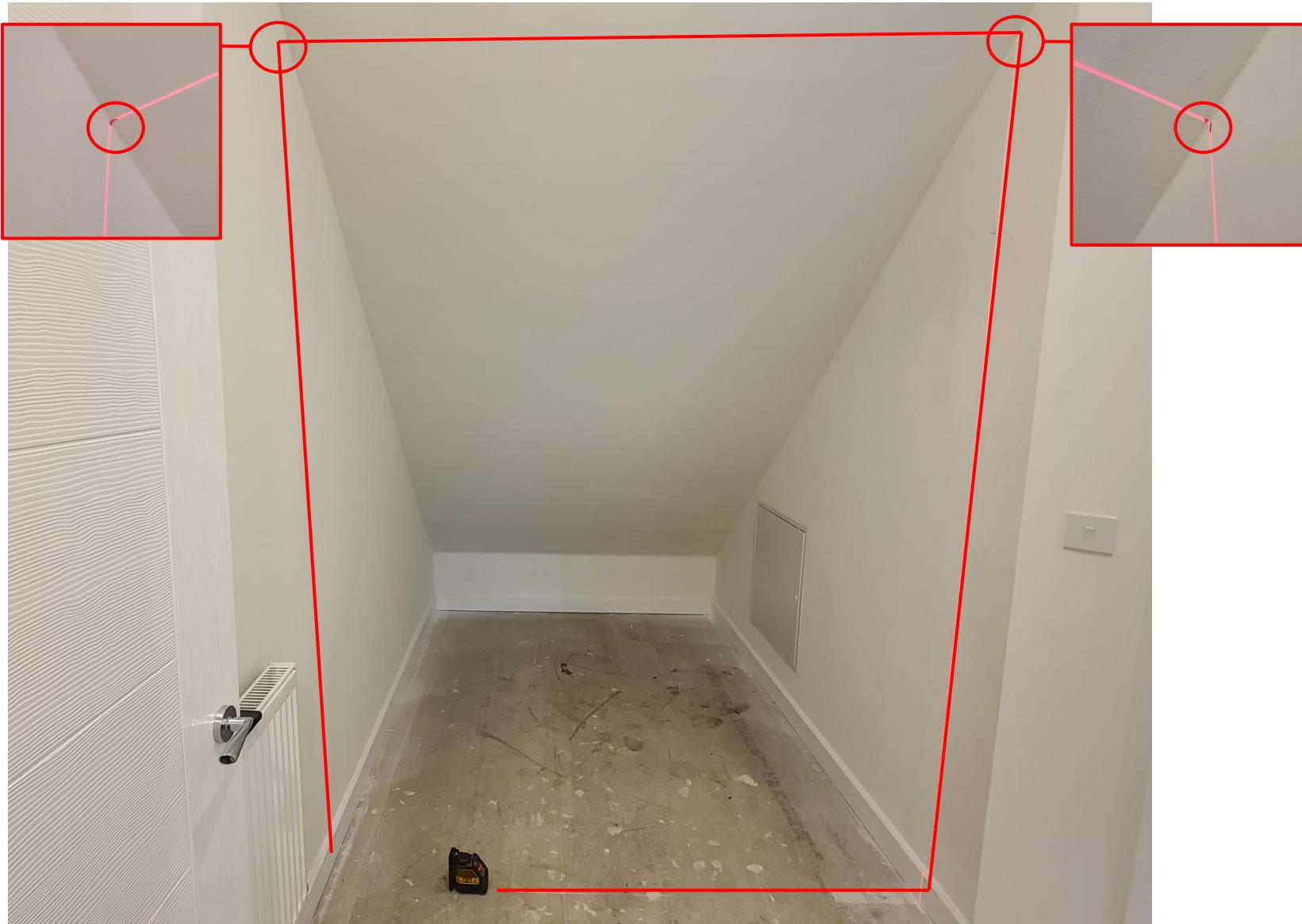
Step 4

- Hold up the laser level on the opposite wall until it intersects a level line with the pencil mark made on the opposite wall.
- Make a pencil mark on the ceiling and wall to indicate wardrobe depth and height position.
- If there are any minor bulges or dips in the ceiling, then these can be planed out of the back edge of the angled drop-down to maintain the finished angled edge on the face of the angled drop-down liner.



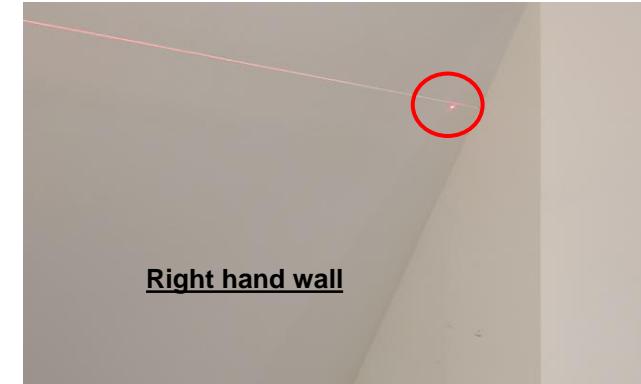
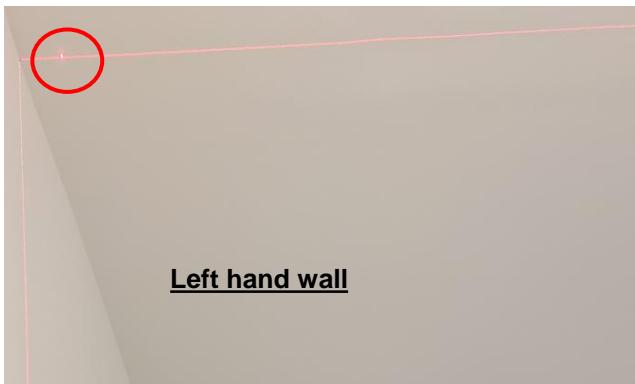
Step 5

- Place laser level back on the floor and position it so that it projects around the entire aperture intersecting at the points previously marked on the ceiling.
- This projected line will be your reference point to measure up to.



Step 6

- Using a laser measure, conduct a three-point height measurement, ensuring the laser measure point intersects directly on the projected laser level line across the ceiling. Record the lowest height dimension on the survey form. Any variances between the three dimensions indicate a floor run-out.



Dimensions		
A - Wardrobe depth		mm
B - Lowest aperture height		mm
C - Greatest aperture width		mm



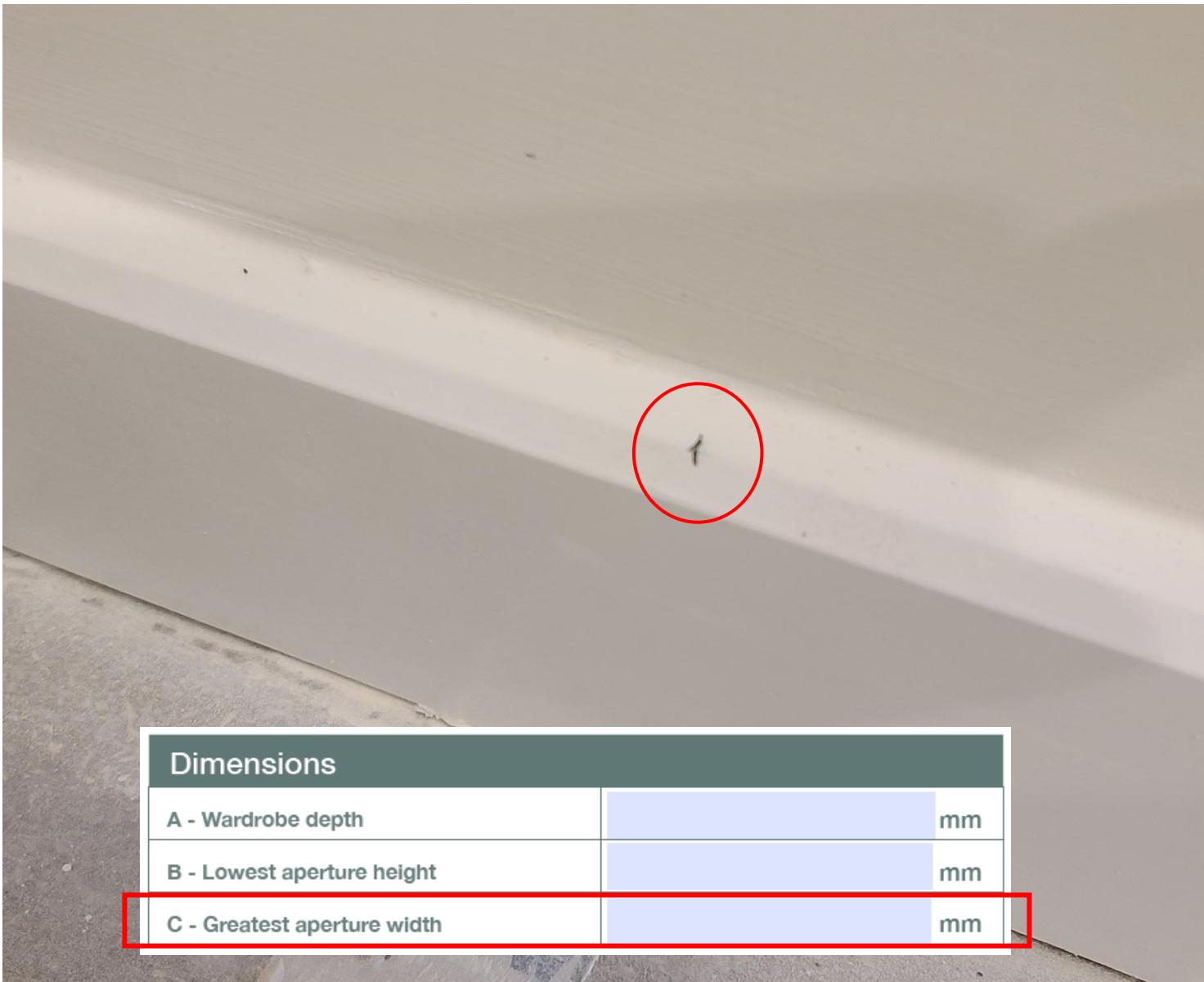
Step 7

- Check wall levels using either a spirit level or laser level and liner method.
- Highlight on the survey form whether the wall/s are running out 10mm or more.



Step 8

- Conduct a three-point width measurement, ensuring the laser measure is located in line with the pencil mark made on the wall. Record the greatest width dimension on the survey form.



Survey Form Completion

- Always indicate if an angled shelf is needed. The back wall is angled in this example, and so one is required.
- If the shelf height needs to change from the standard 1.8m due to the ceiling angle, then please indicate this clearly on the survey form in the general comments box. This will help the Installer when they come to install the wardrobe.

Details			
Are the walls out by more than 10mm? (T-liner(s) required)	<input type="radio"/> Yes <input checked="" type="radio"/> No	A 50mm T-liner will be specified as standard. If a larger T-liner is required, please state details:	
Is the ceiling out by more than 10mm? (Dropdown required)	<input type="radio"/> Yes <input checked="" type="radio"/> No	A 50mm Dropdown will be specified as standard. If a larger Dropdown is required, please state details:	
Is there sufficient access and egress to the site, plot and room?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If NO, please state details:	
Are nibs and/or bulkhead built at survey (where applicable)?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	If NO, please state details:	
Are any angled cuts to shelves or liners required?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, please state details:	
Is internal shelf width greater than aperture width?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, please specify the width in mm:	
Is carpet or floorboards/concrete floor present at survey?	<input checked="" type="checkbox"/> Carpet is present <input type="checkbox"/> Floorboards/Concrete floor is present	If Other, please state details:	
Is coving present at survey?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, please specify the height and width of coving: H: <input type="text"/> mm W: <input type="text"/> mm	
Are additional fillets required? i.e. due to boxing inside wardrobe	<input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, please state how many additional fillets:	
Is an end panel required?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, please state details: <input type="checkbox"/> Standard end panel (620mm) <input type="checkbox"/> Bespoke end panel size: <input type="text"/> mm	
Is the floor plan available on Field Aware?	<input type="radio"/> Yes <input checked="" type="radio"/> No		
General comments:			



Measuring On Carpet



Measuring on top of carpet can prove inaccurate due to the instability of the carpeted floor surface.

If using a laser measure, then ensure you use a liner offcut as a stable base to measure off.

Ensure you add on 18mm to the overall recorded dimension before entering onto the survey form!



If using a tape measure, then ensure that you squash this down into the carpet using your foot

Ensure the tape is held straight to record an accurate measurement.



TIP – Always add 5mm to the height dimension, as this allows for carpet compression.

Installation Process

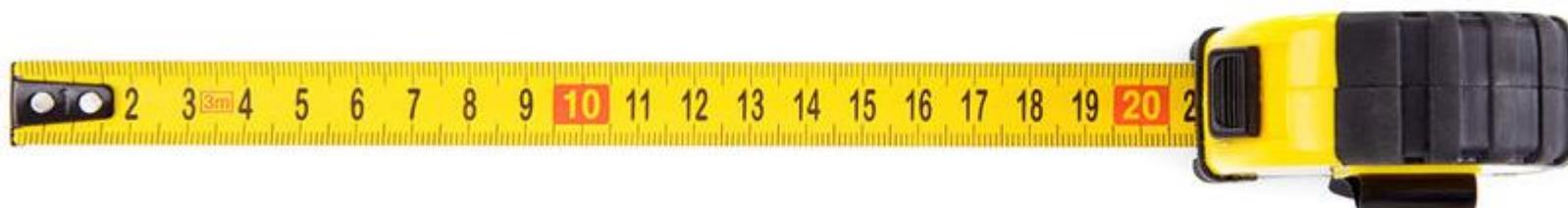
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Door Check



Always measure the doors before you start installing the wardrobe framework, as you can potentially move the frame backwards or forwards to suit the aperture, if required.



Angled Drop-Down Installation

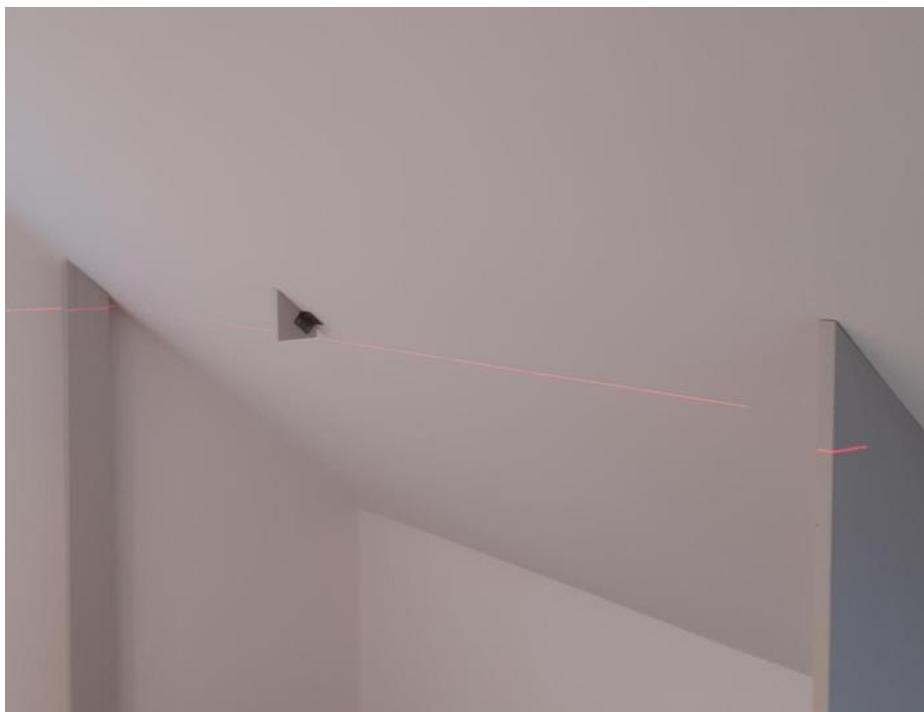
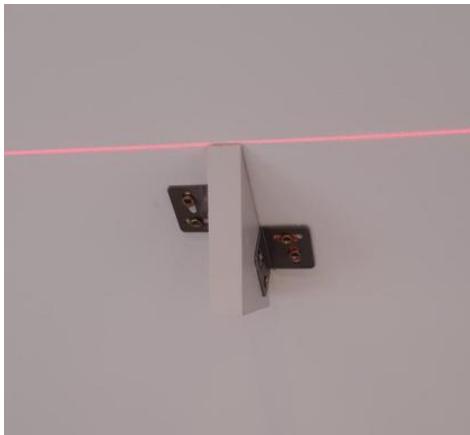
- The method of fixing angled drop-downs still varies Nationally, but moving forward, the following methodology as outlined within this document must be adopted.
- This will ensure a rigid and secure centre fixing is achieved.



Angled Drop-Down Installation

Step 1

- Cut an offcut of liner to fit the ceiling angle, ensuring the front of the liner is level to fix the angled drop-down to.
- Use **two** metal stretcher plate brackets to secure the angled liner support block to the ceiling.



Angled Drop-Down Installation

Step 2

- Fix the angled drop-down to the side liners and angled support block using metal stretcher plate brackets.
- This should ensure a secure fixing to both the side liners and the ceiling.
- Please find detail on the number of angled offcut centre fixings based on the wardrobe width:
 - Wardrobe up to 2m wide: **1x angled support block**
 - Wardrobe 2.0m - 2.8m wide: **2x angled support blocks**
 - Wardrobe over 2.8m wide: **4x angled support blocks**

