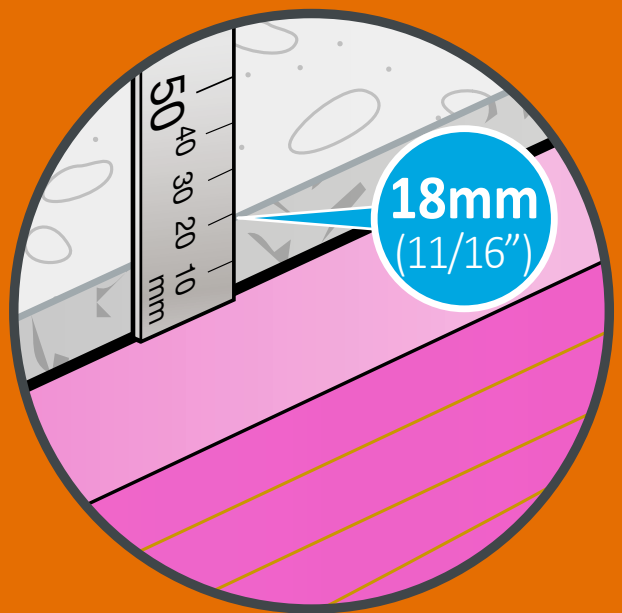


CONSTRUCTION GUIDELINES



Health and Safety:

All installation and maintenance work must be carried out by an Authorized Stiltz Dealer or service technician.

If you have any questions not covered in this document, then please contact your Authorized Stiltz Dealer or contact Stiltz directly. Our contact information is outlined at the end of these guidelines.

The following health and safety risks should be considered when installing and maintaining a Stiltz homelift.

<div>Manual Handling</div> <div></div> <div>Prevent back injury. Bend knees to lift.</div>	<div>Falling Hazards</div> <div></div> <div>Work at a safe distance. Use barricades.</div>	<div>Falling Object Risk</div> <div></div> <div>Workers overhead. Watch out for falling objects.</div>
<div>Trip Hazard</div> <div></div> <div>Watch your step.</div>	<div>Electrical Hazard</div> <div></div> <div>Risk of direct or indirect electrical contact.</div>	<div>Pinch Point</div> <div></div> <div>Keep hands clear of moving parts which can cause crushing injury.</div>

It is highly recommended that each installer utilises the following personal protective equipment where required.

<div>Eye Protection</div> <div></div>	<div>Ear Protection</div> <div></div>	<div>Hand Protection</div> <div></div>	<div>Foot Protection</div> <div></div>
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Please note that;

- (a) This document is designed to be used as a guide only. You should seek independent engineering or construction advice to determine that the desired and/or proposed alterations to a home are suitable to the specific existing structure.**
- (b) All building/construction work must be carried out by a licensed contractor where required by code or law.**

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DANGER
Asbestos

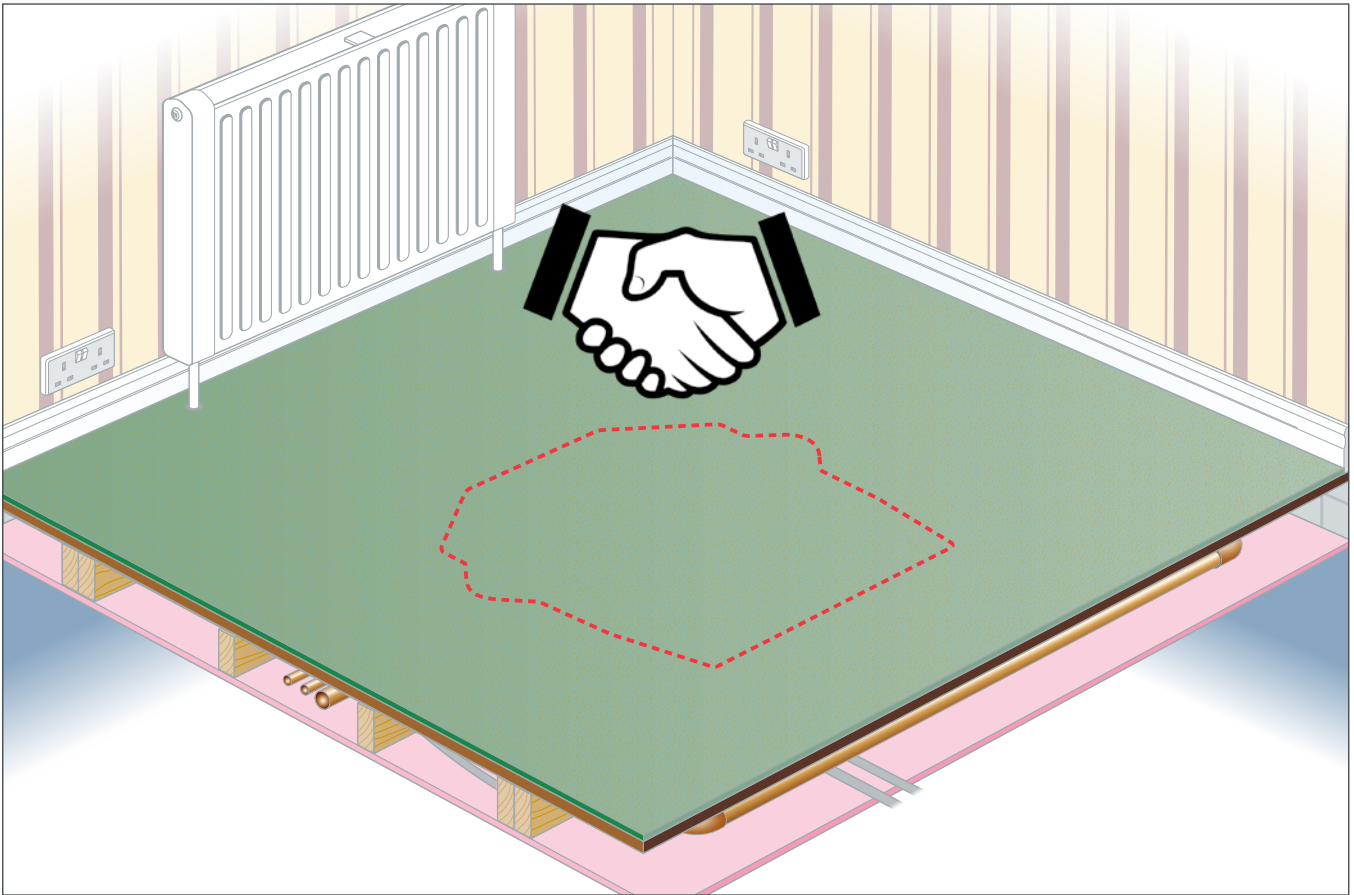
**IF, ON SURVEYING THE
PROPERTY, THERE IS
ANY INDICATION OF THE
PRESENCE OF ASBESTOS
STOP IMMEDIATELY AND
REPORT TO THE ASBESTOS
SPECIALIST TEAM**



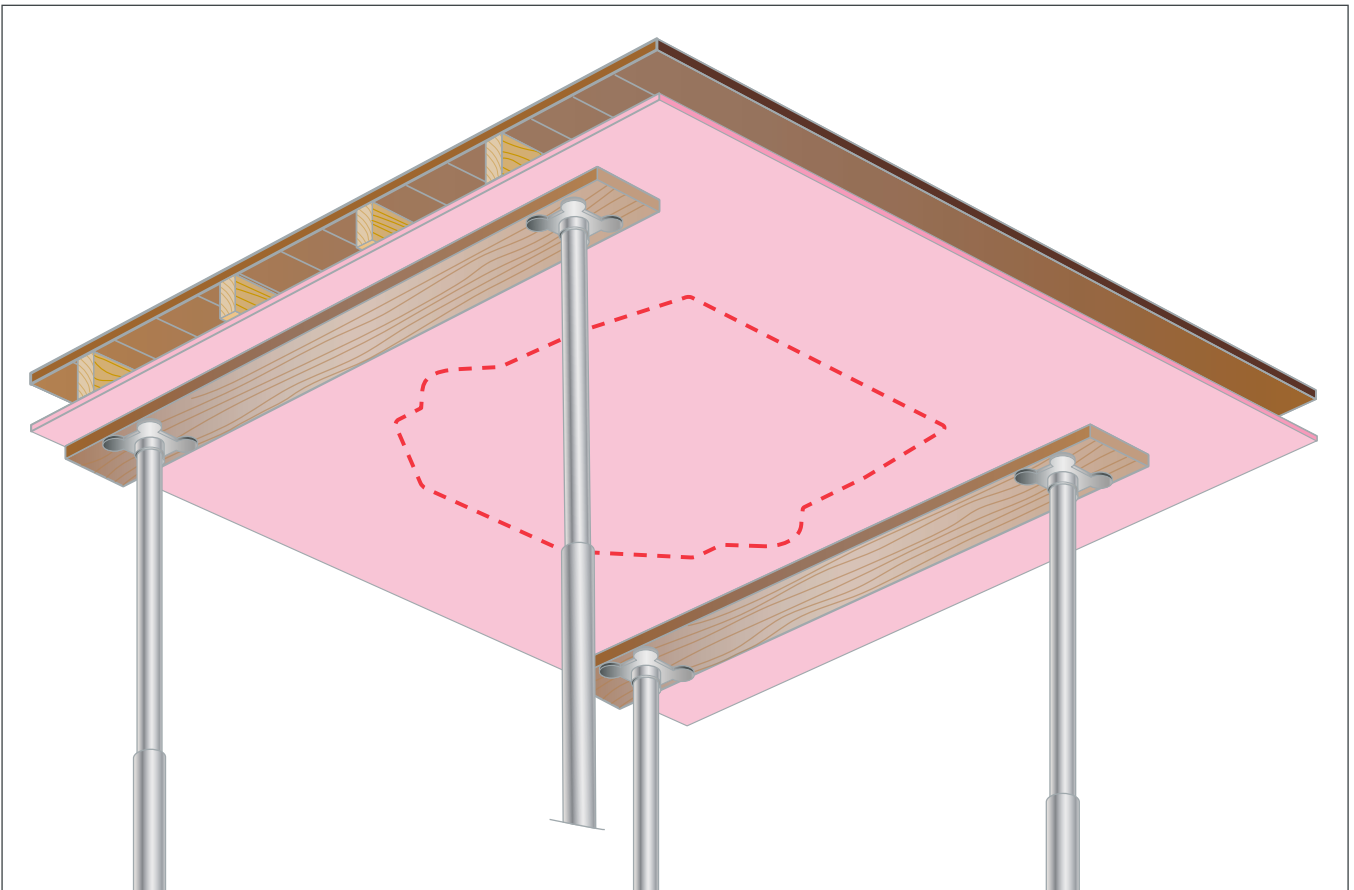
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Remove insert and re-lay carpet	20
Stretch and re-fit carpet	20
Feel for edges and cut carpet for aperture	21
Remove and retain carpet cut-out	21

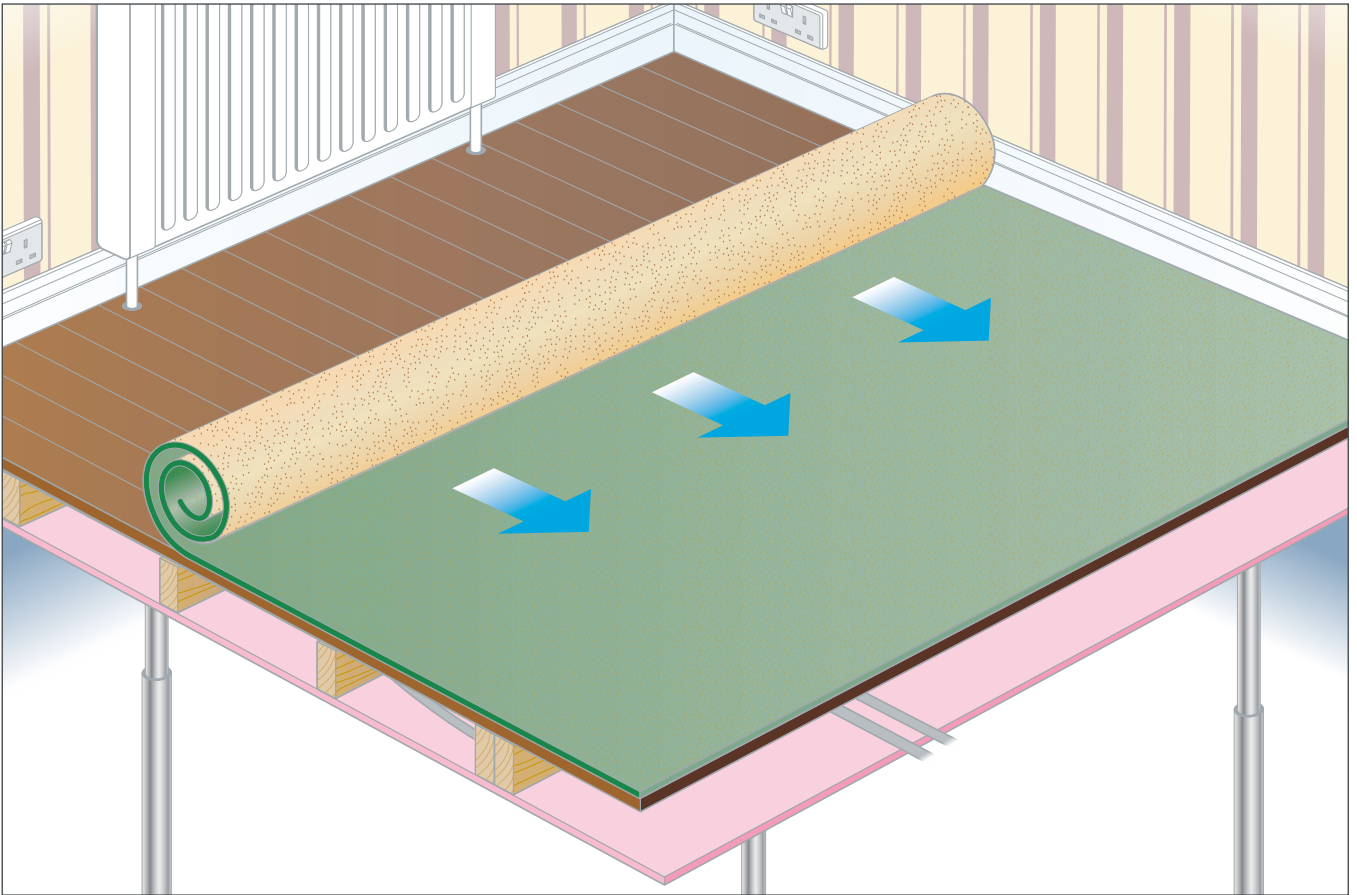
Agree position of lift with customer



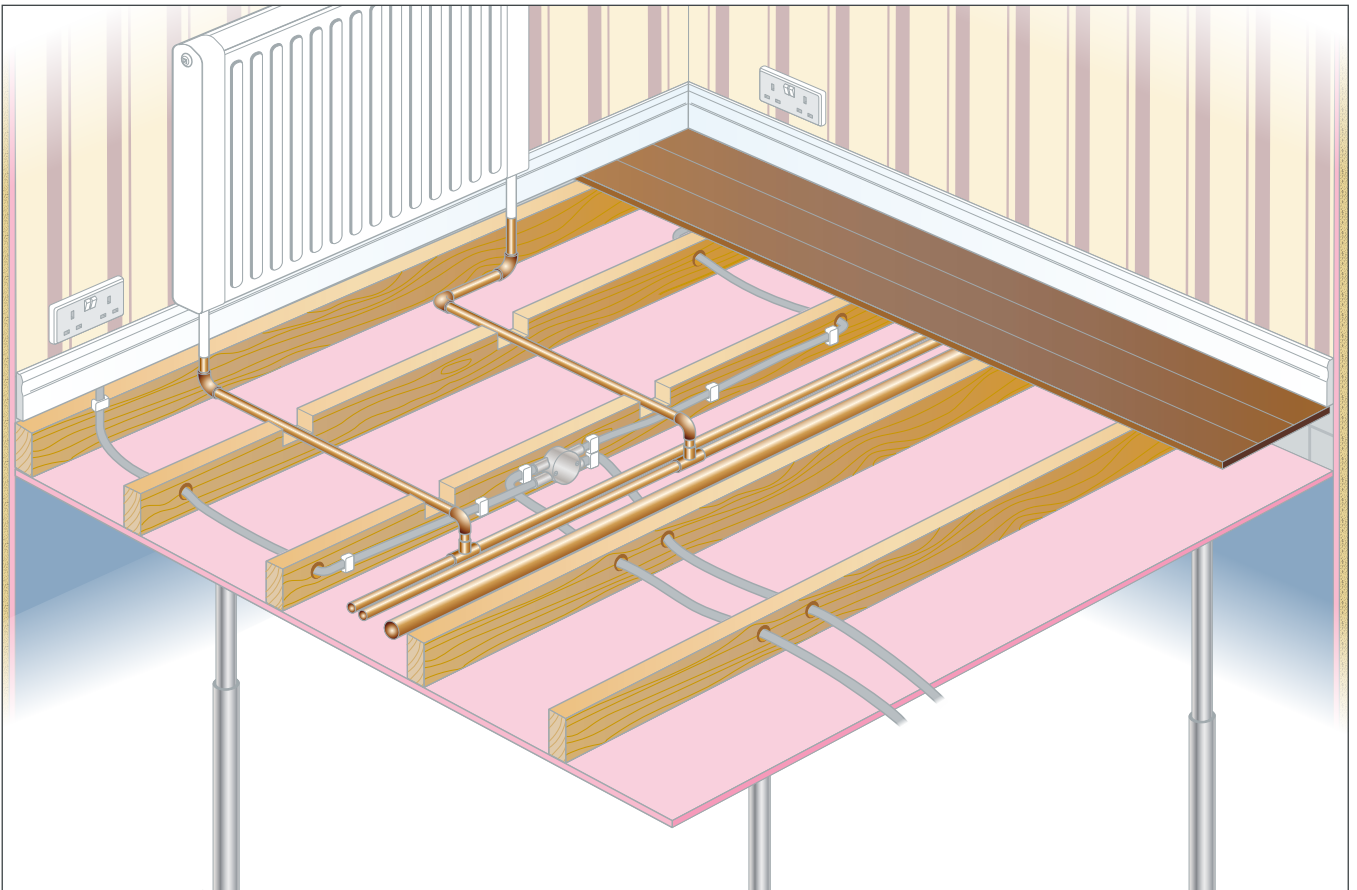
Support ceiling with Acrow props



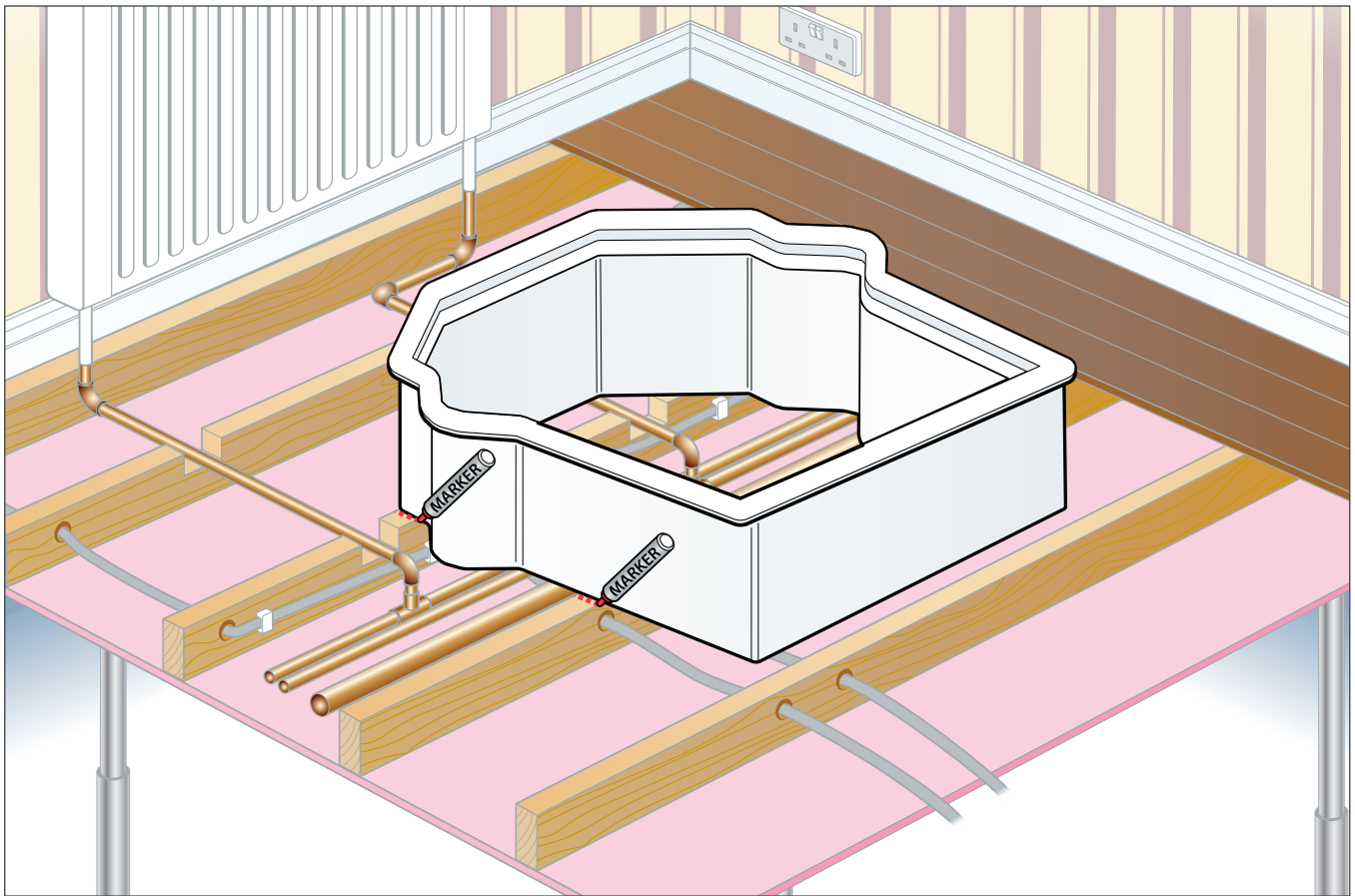
Roll carpet back



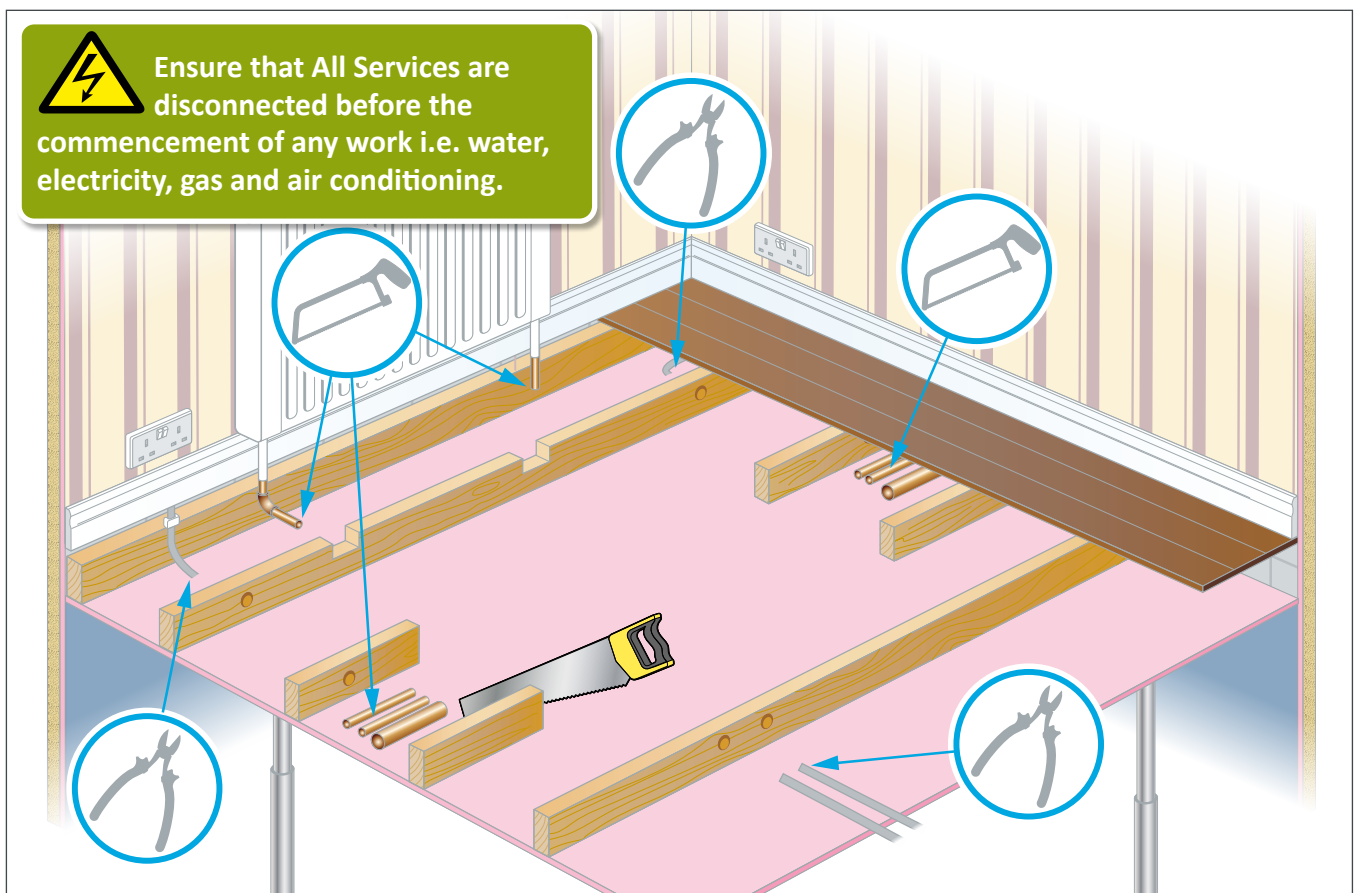
Lift floorboards and inspect for pipes and/or cables



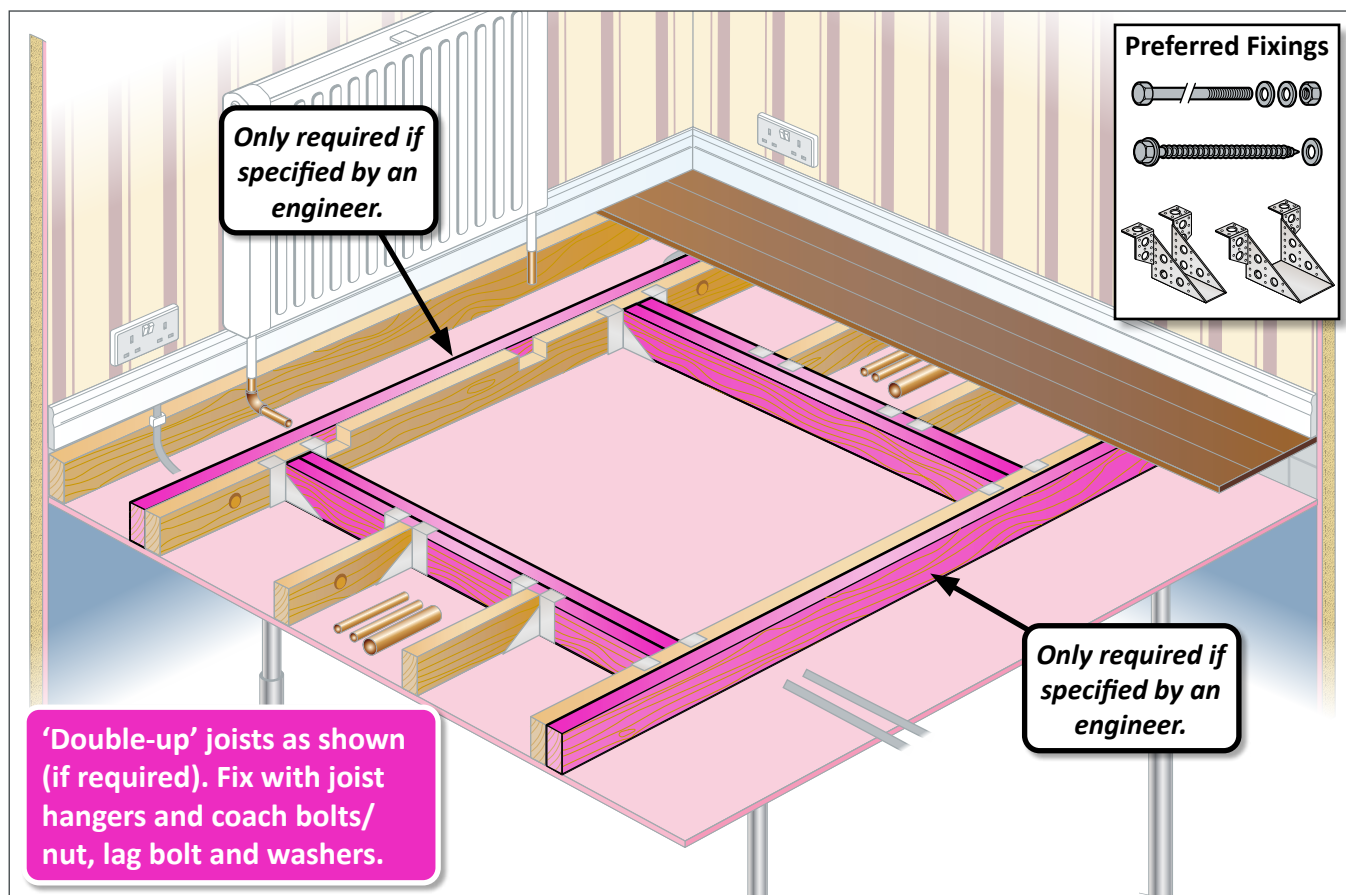
Position and mark using insert as template



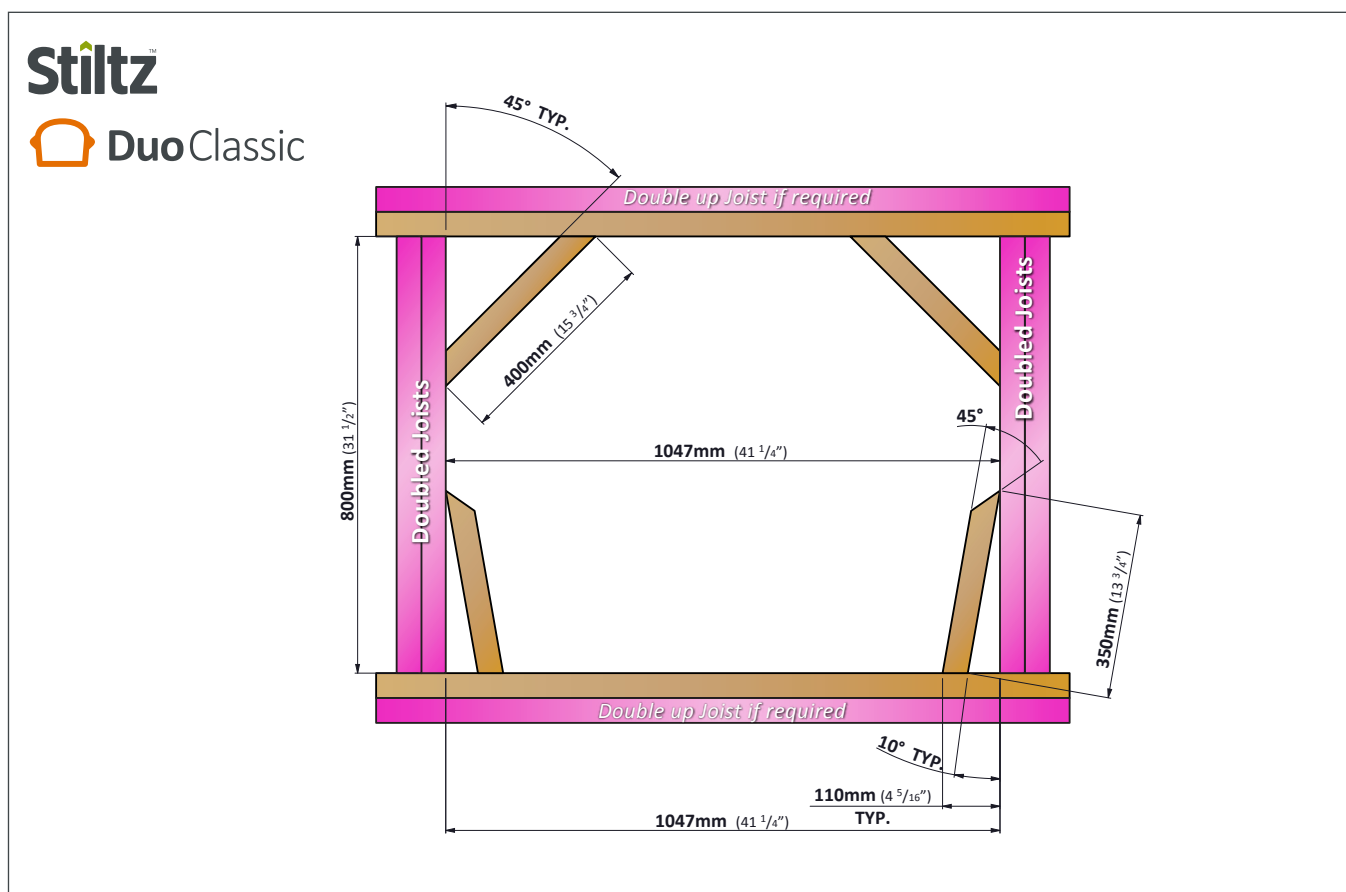
Cut pipes, cables and joists



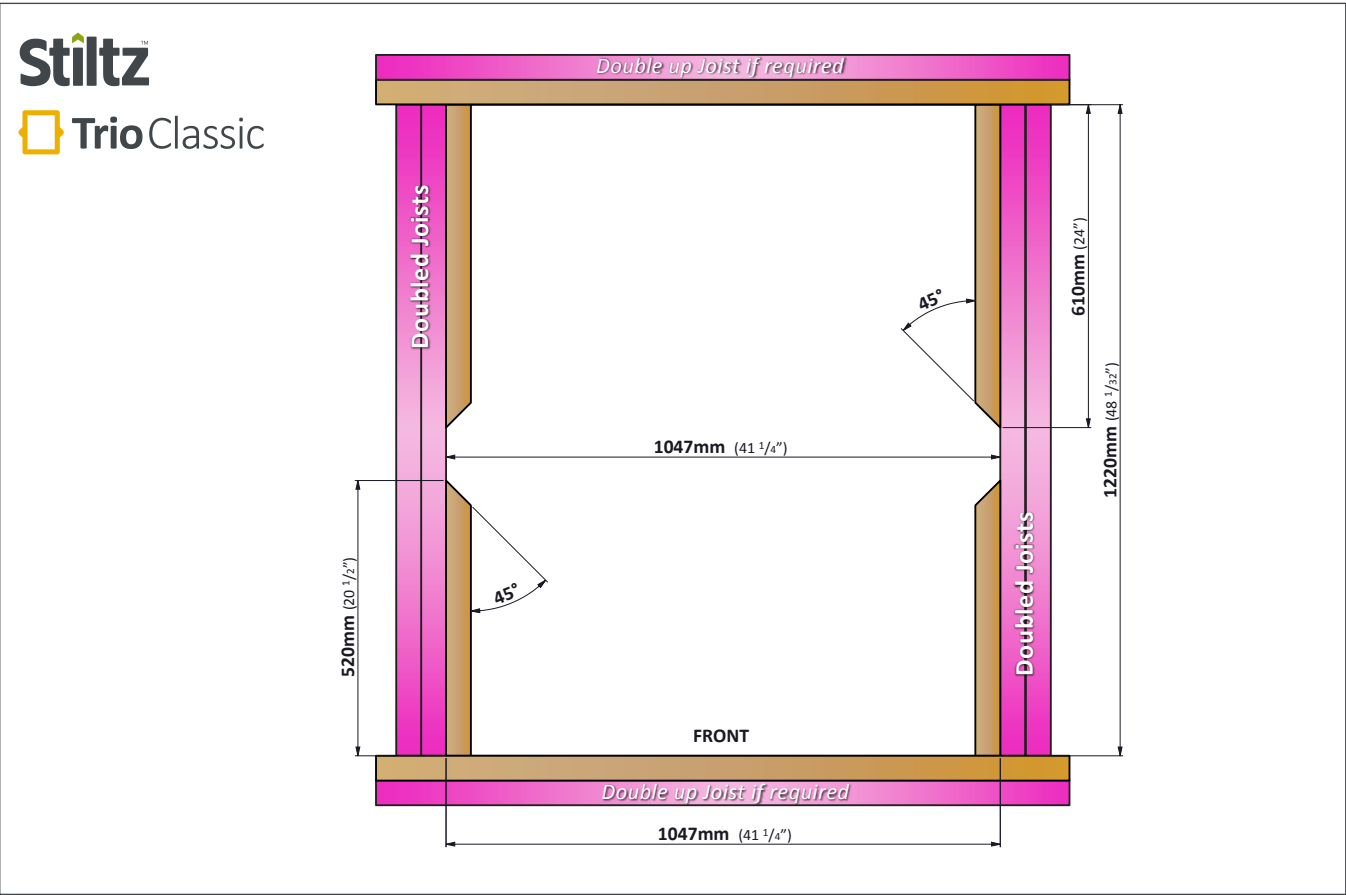
Double up joists



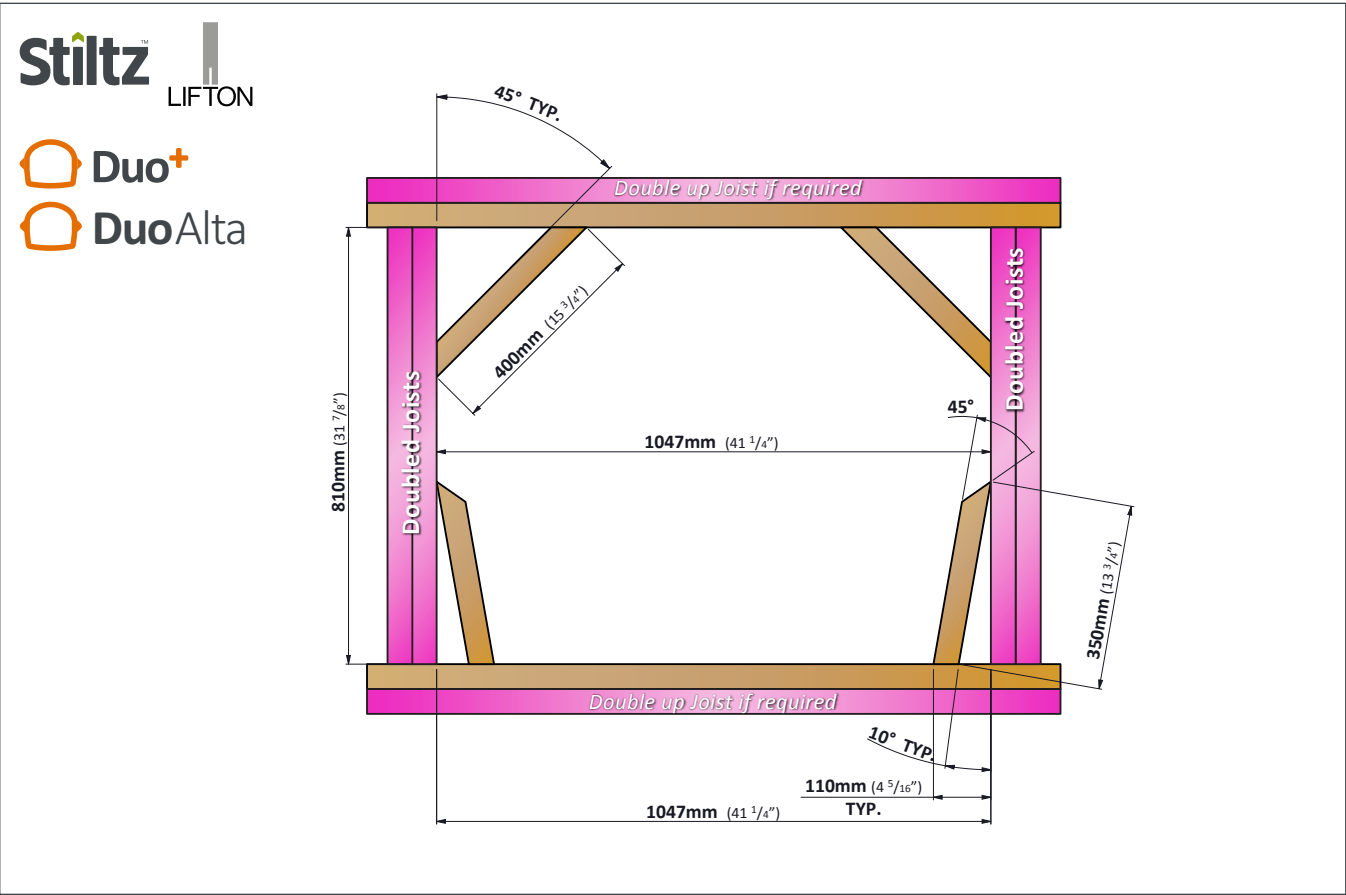
Frame build dimensions - Duo Classic



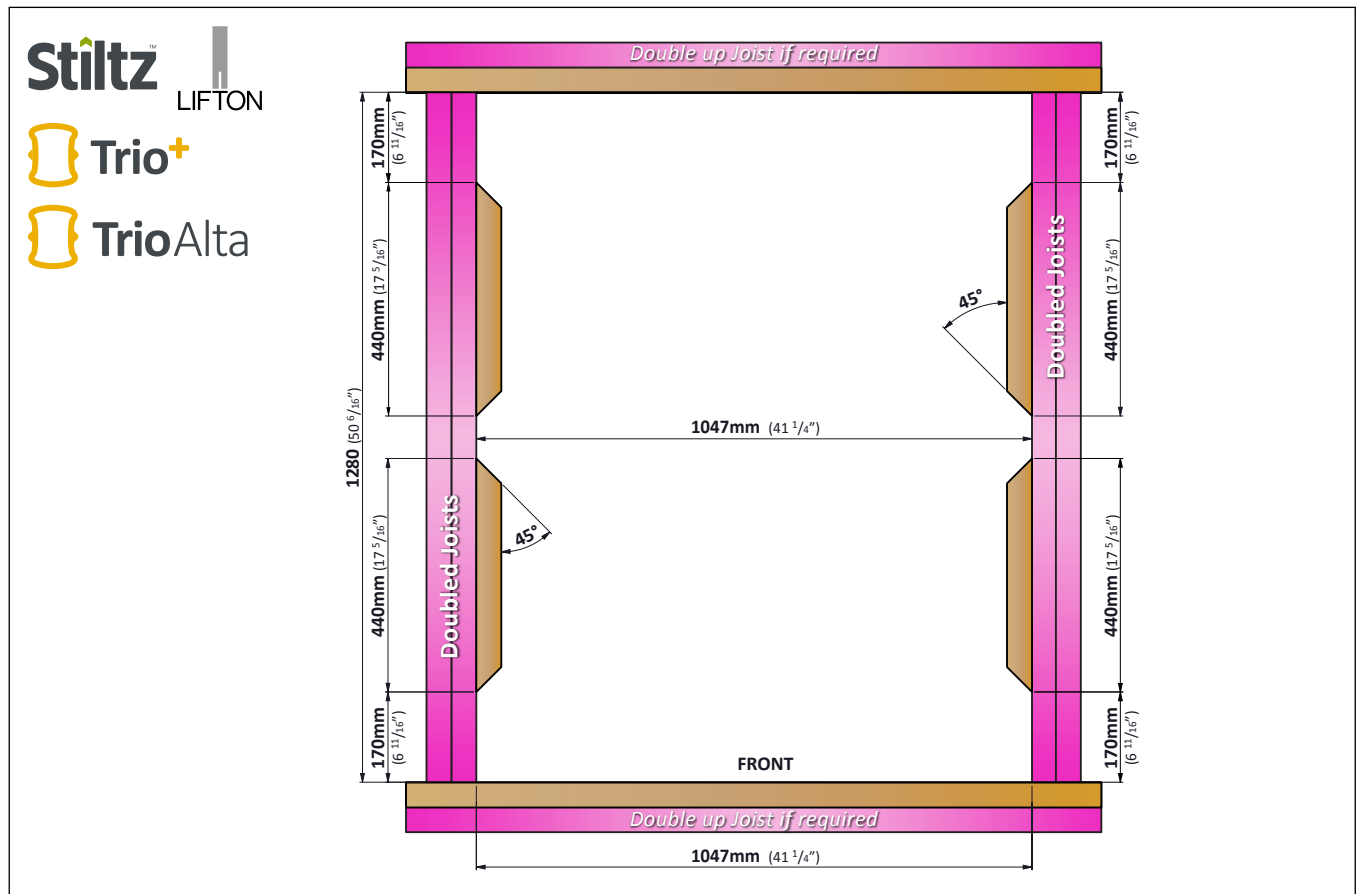
Frame build dimensions - Trio Classic



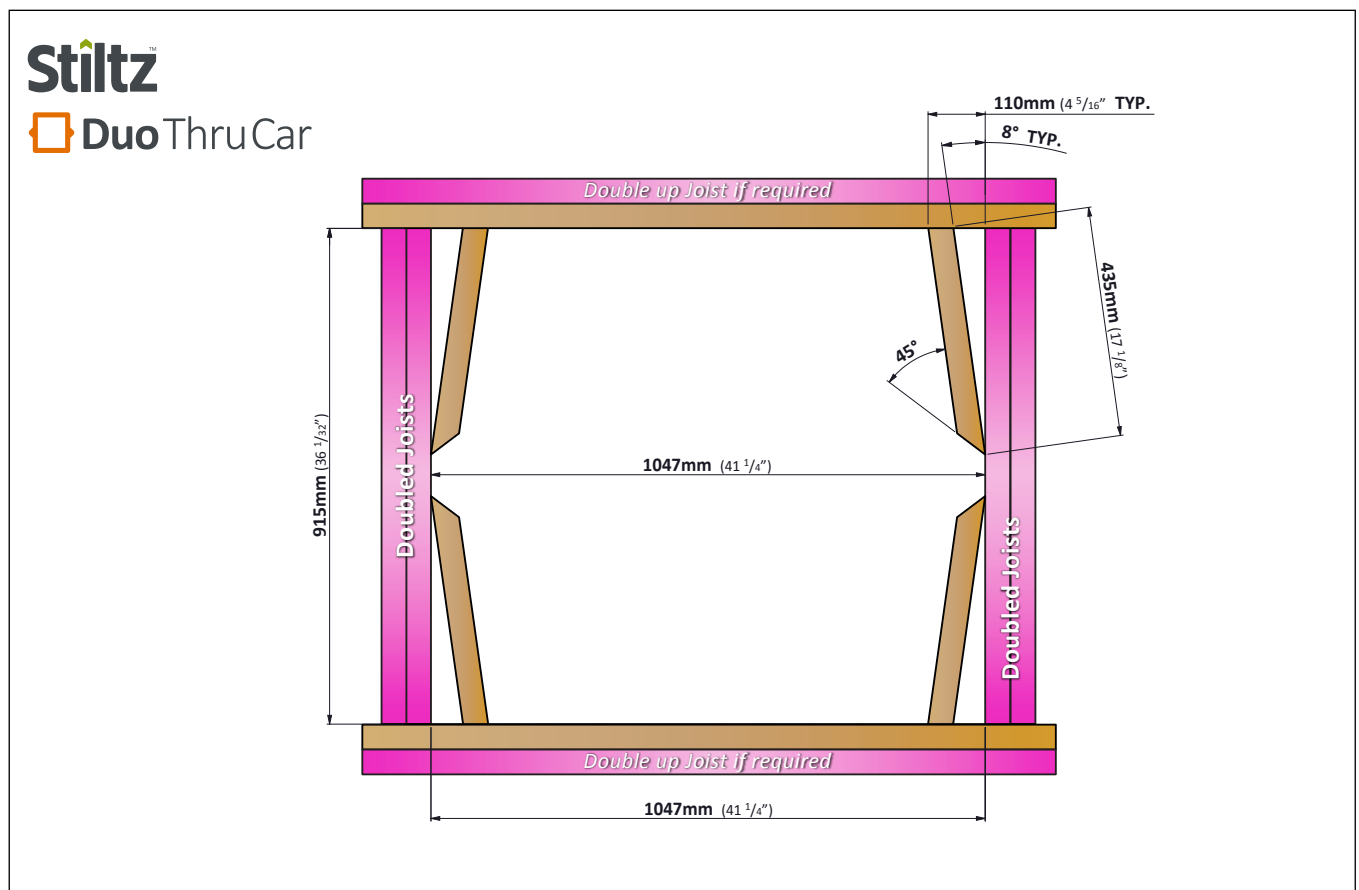
Frame build dimensions - Duo+ and Duo Alta



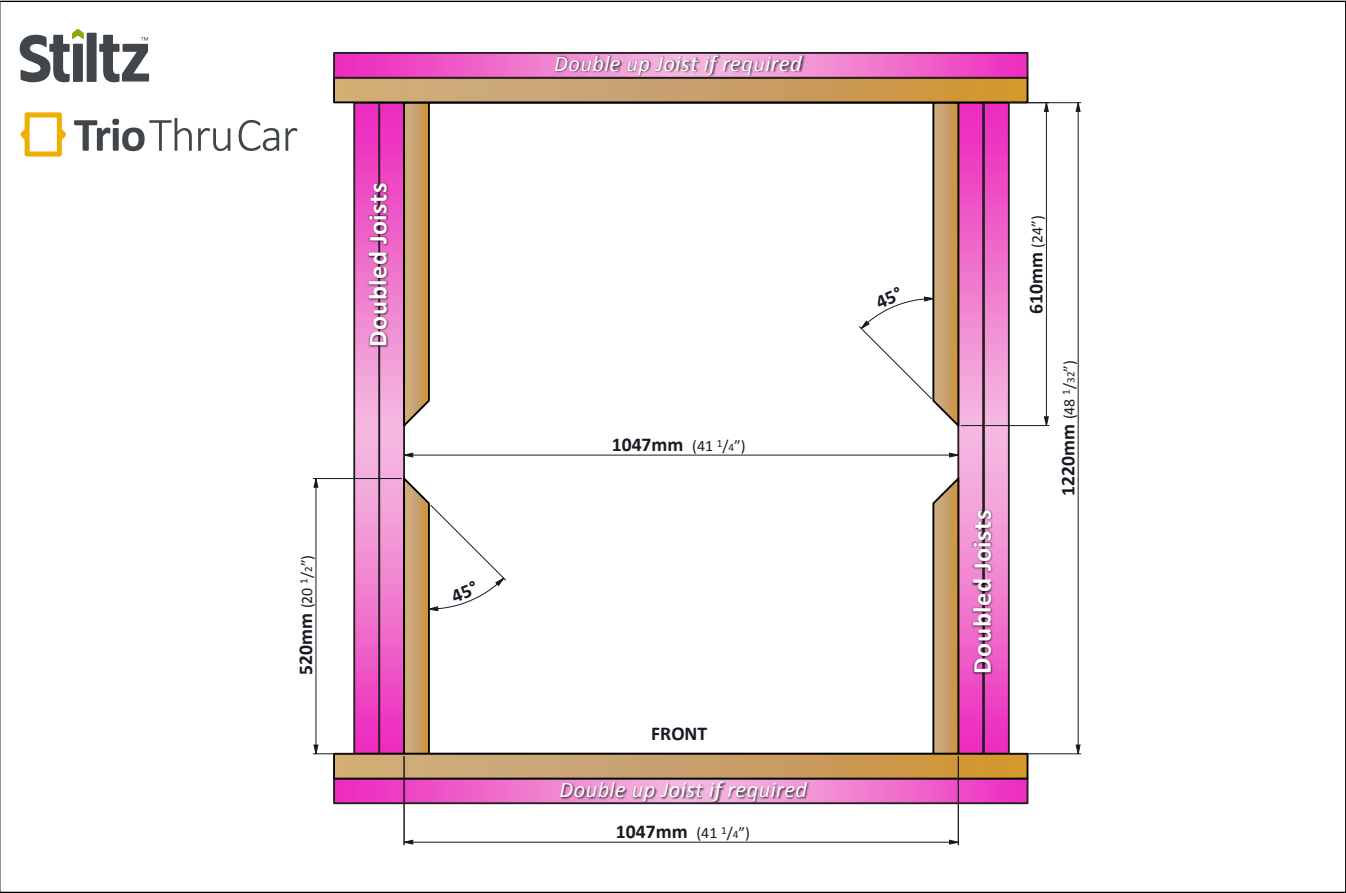
Frame build dimensions - Trio+ and Trio Alta



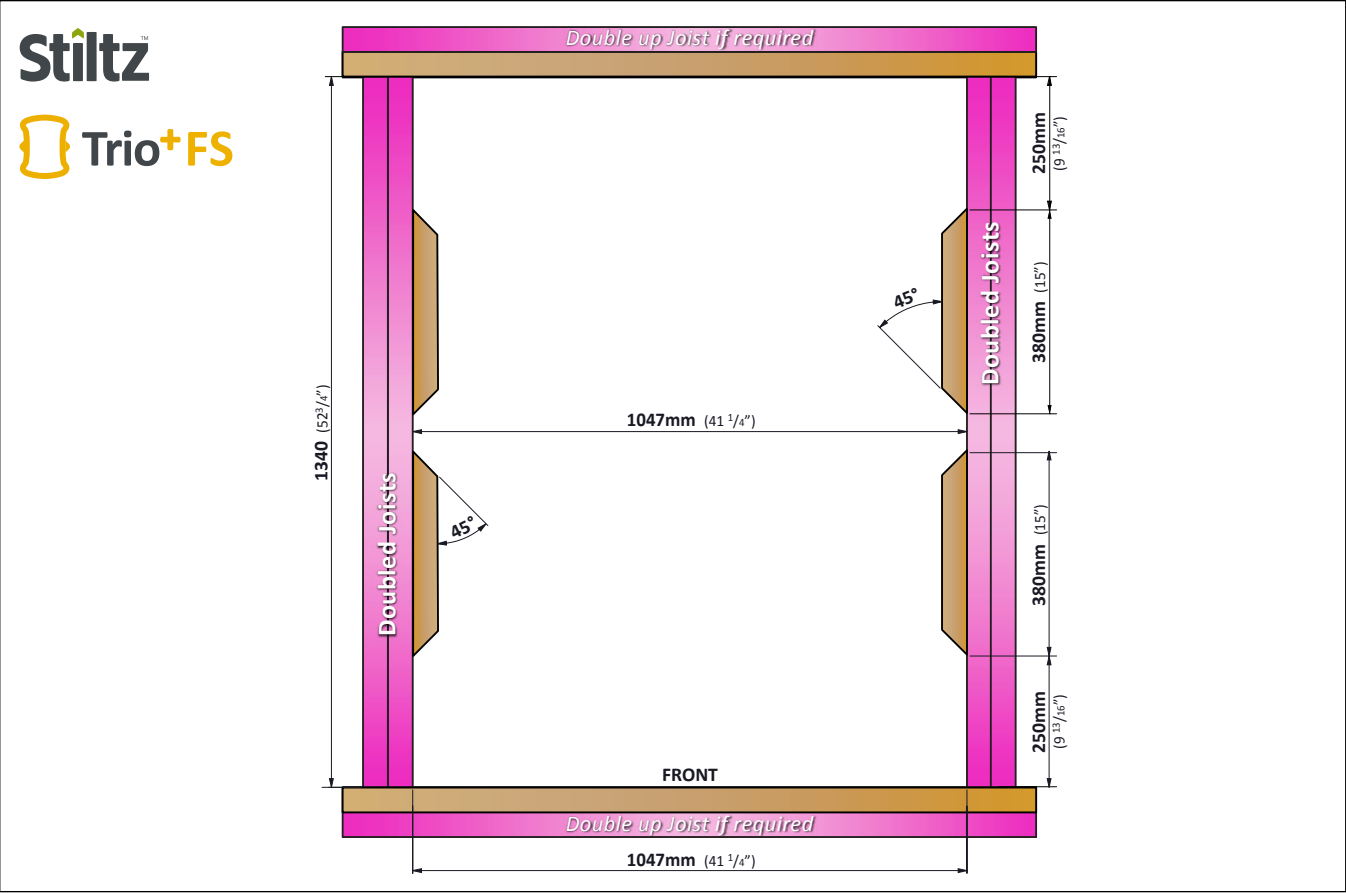
Frame build dimensions - Duo ThruCar



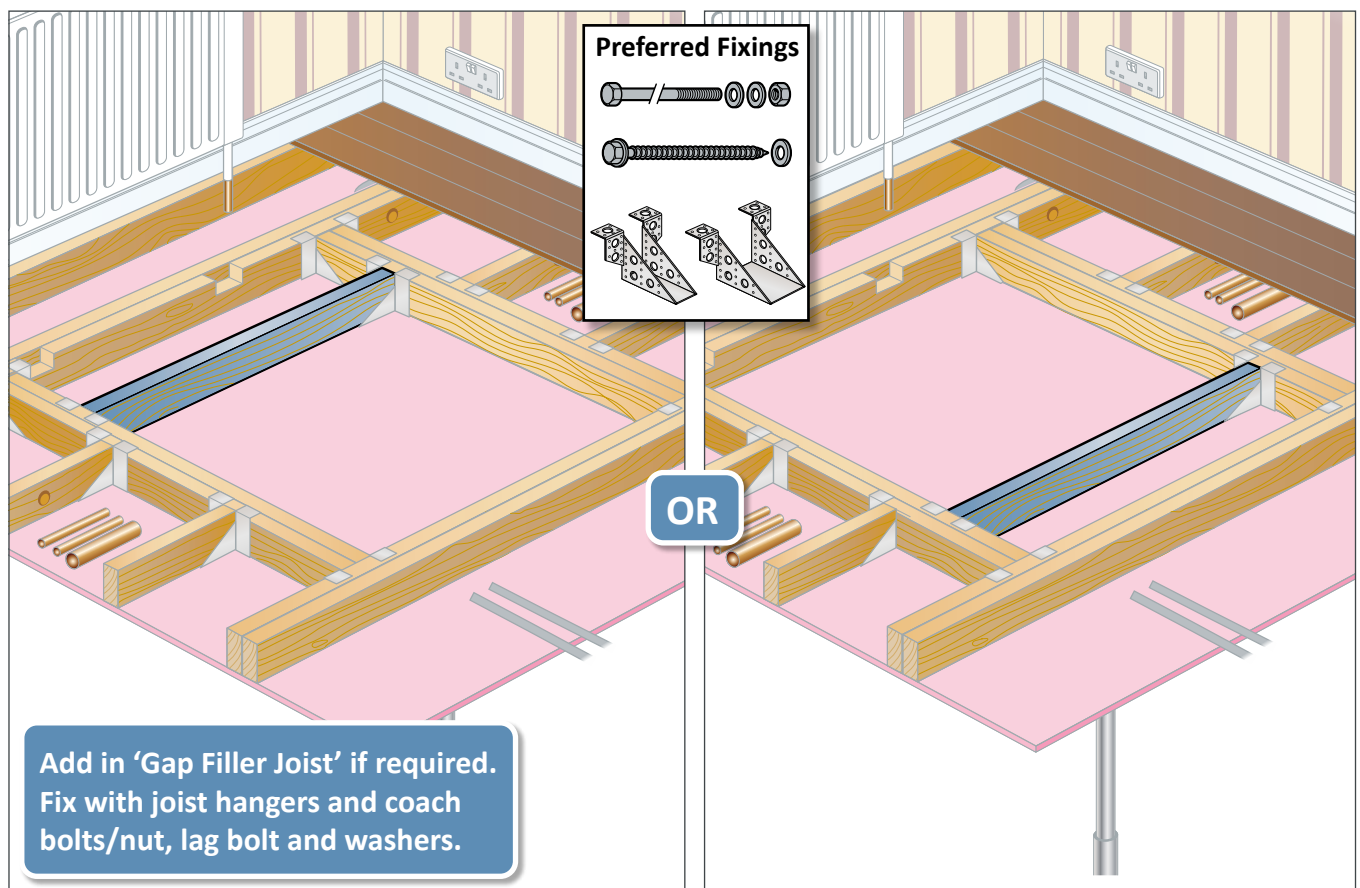
Frame build dimensions - Trio ThruCar



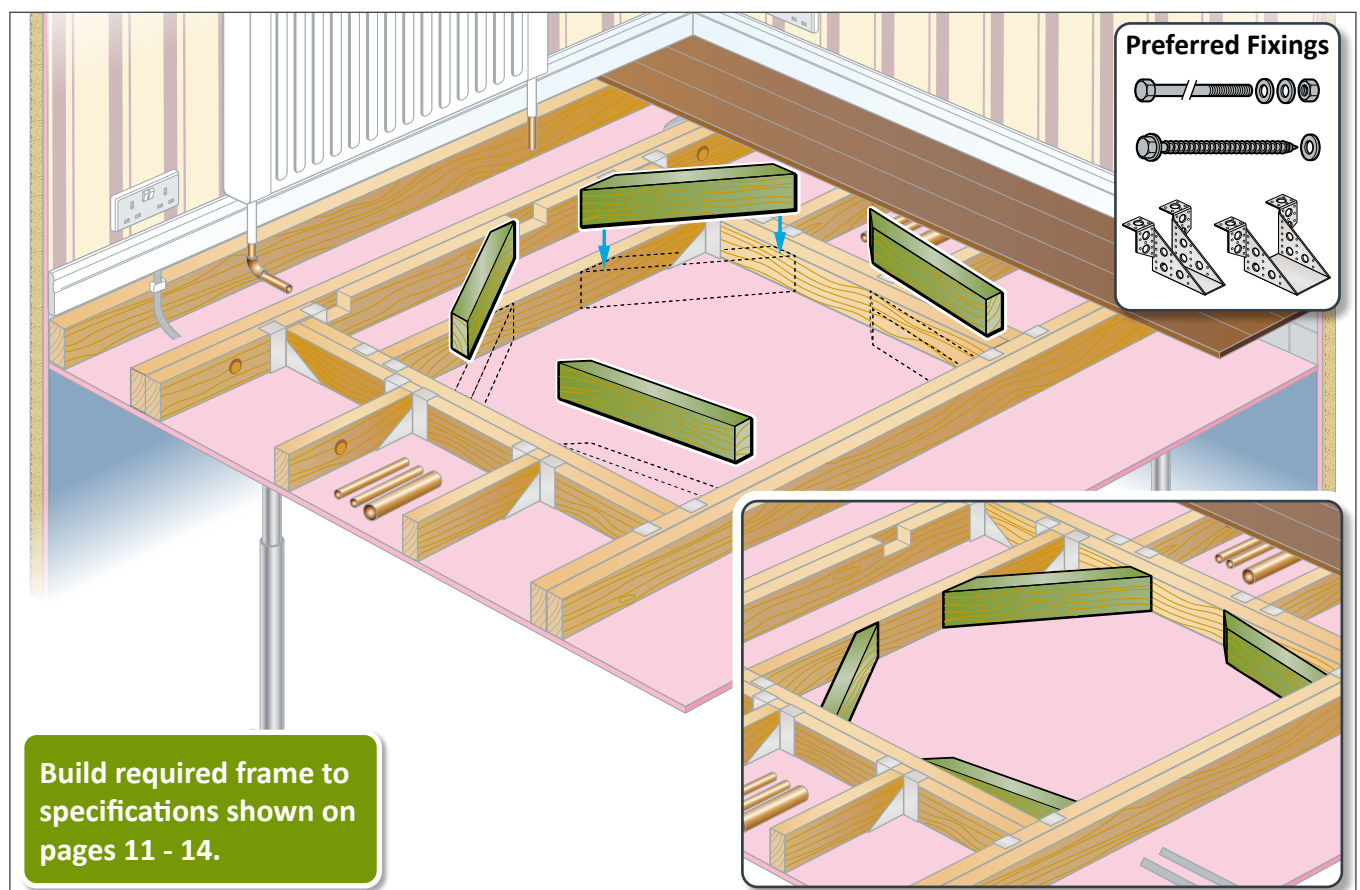
Frame build dimensions - Trio+ Fire Seal



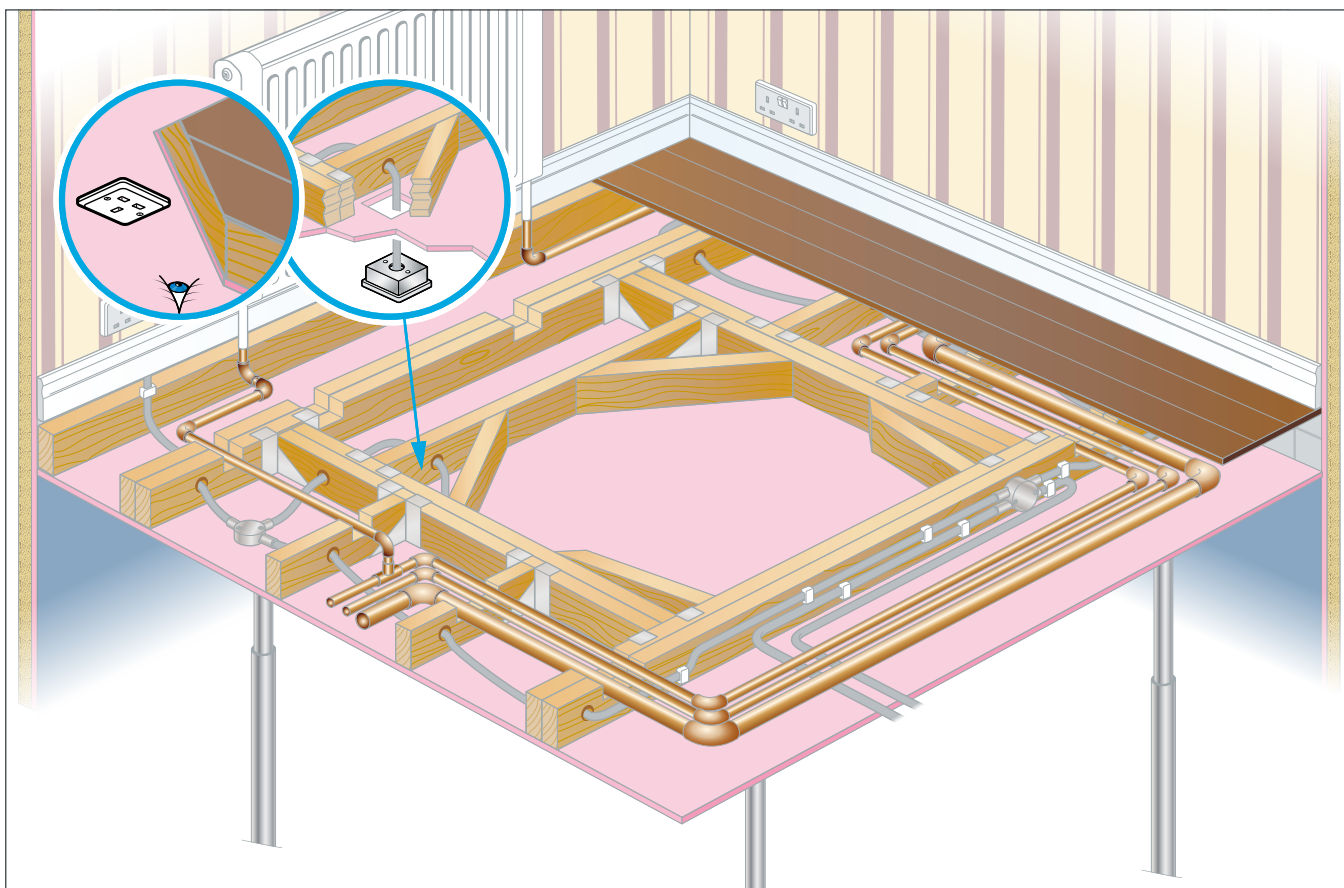
Build frame



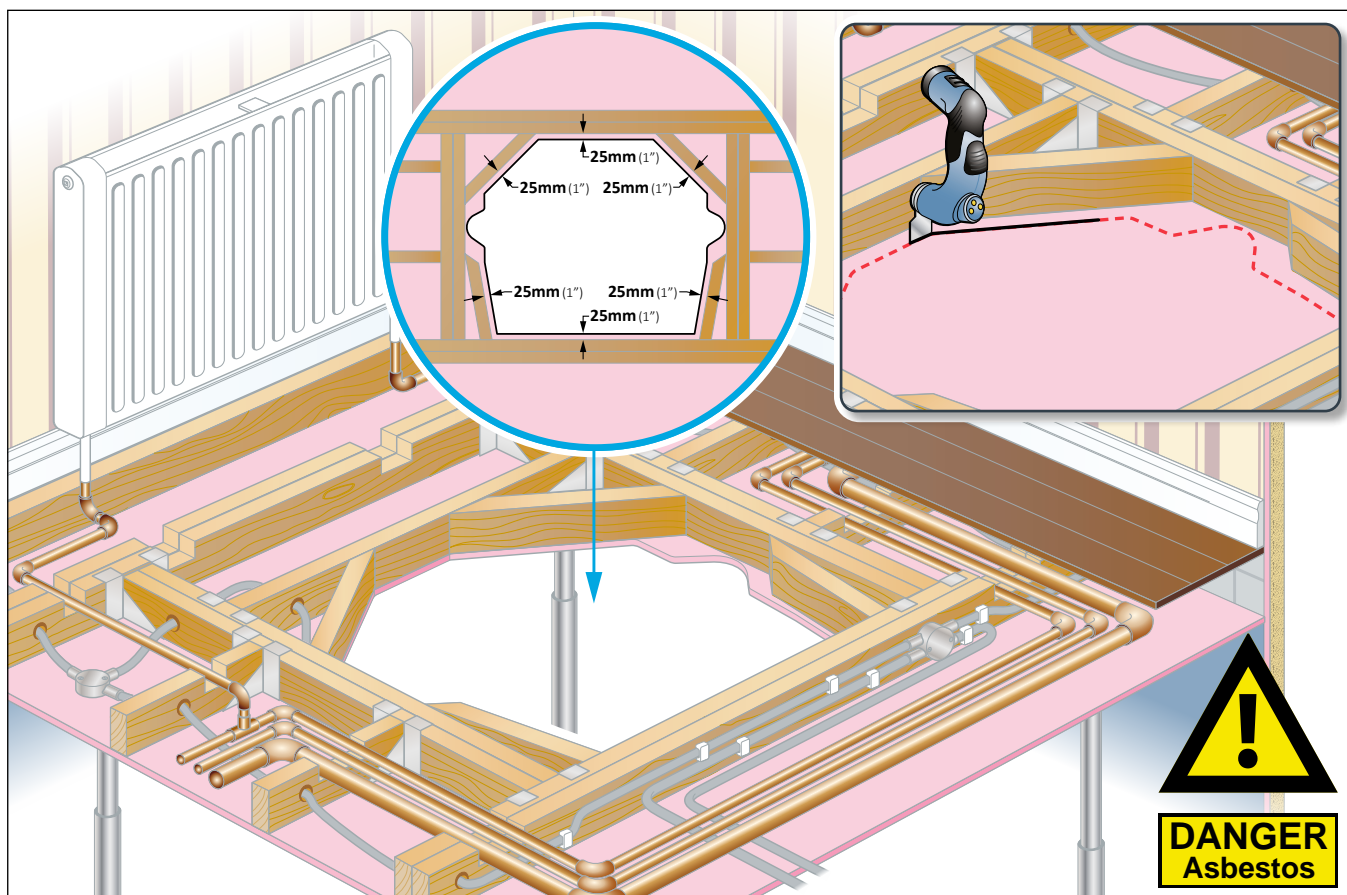
Build frame



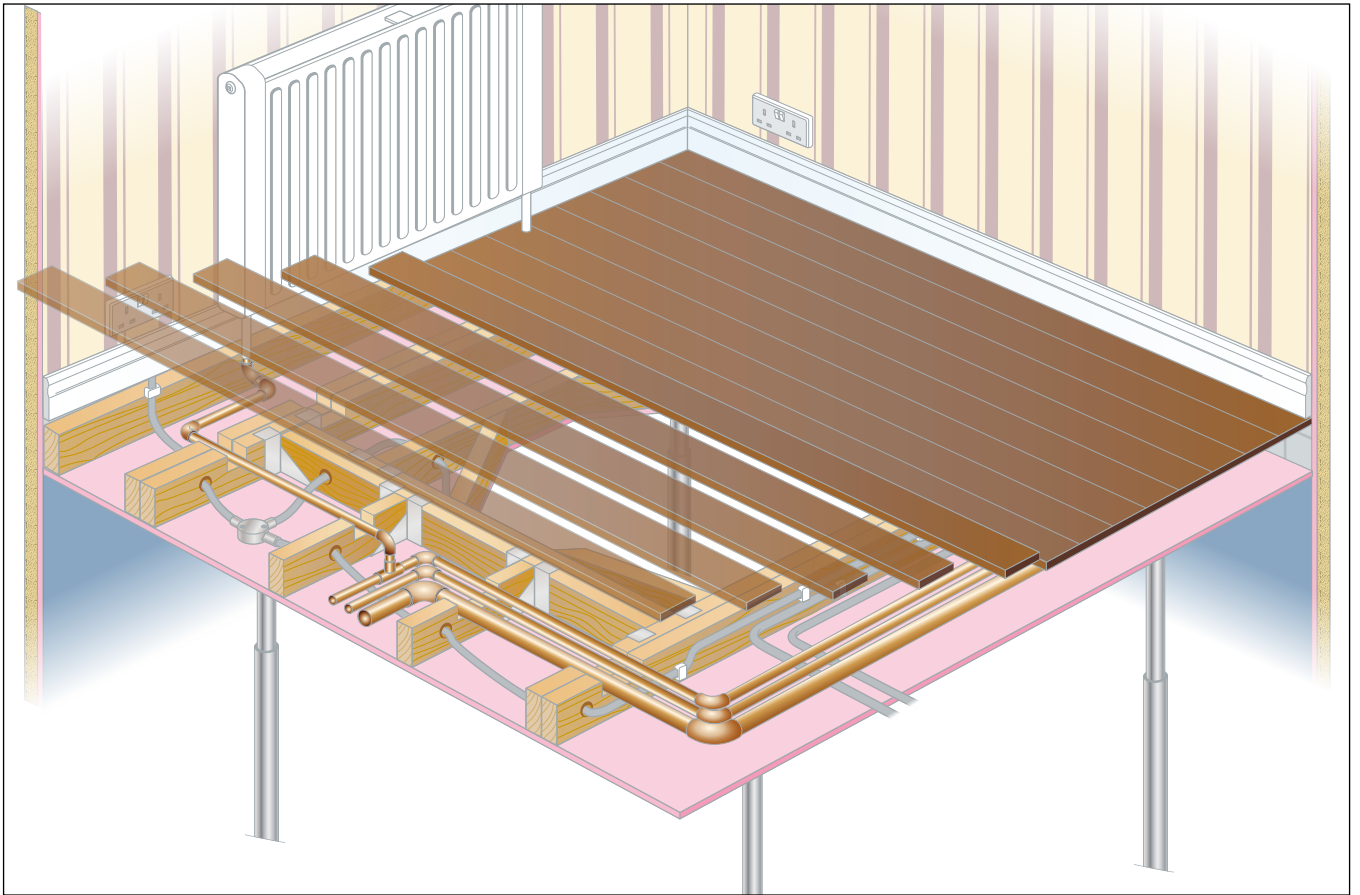
Re-routing pipes and cables around frame



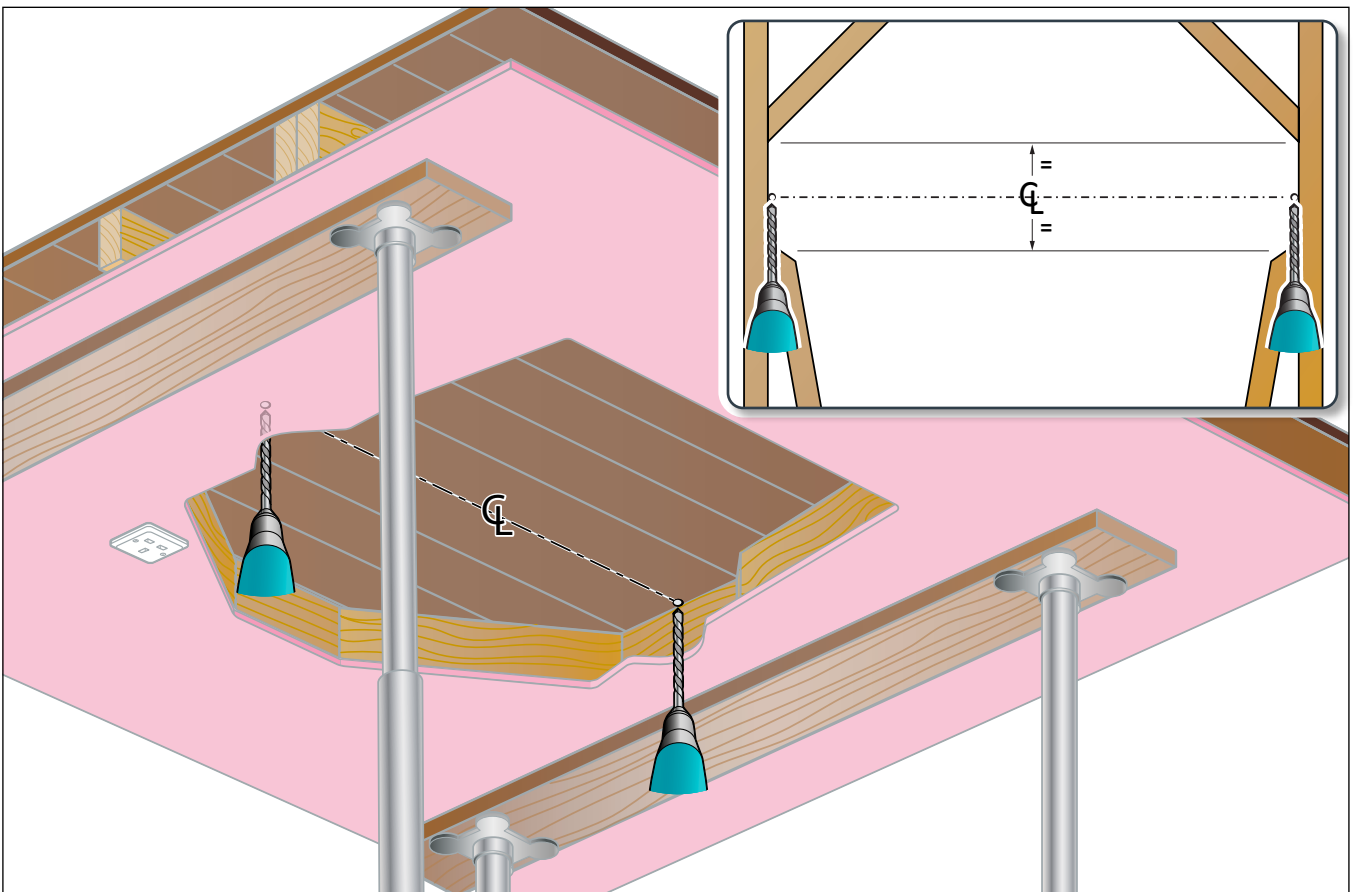
Cut aperture through ceiling



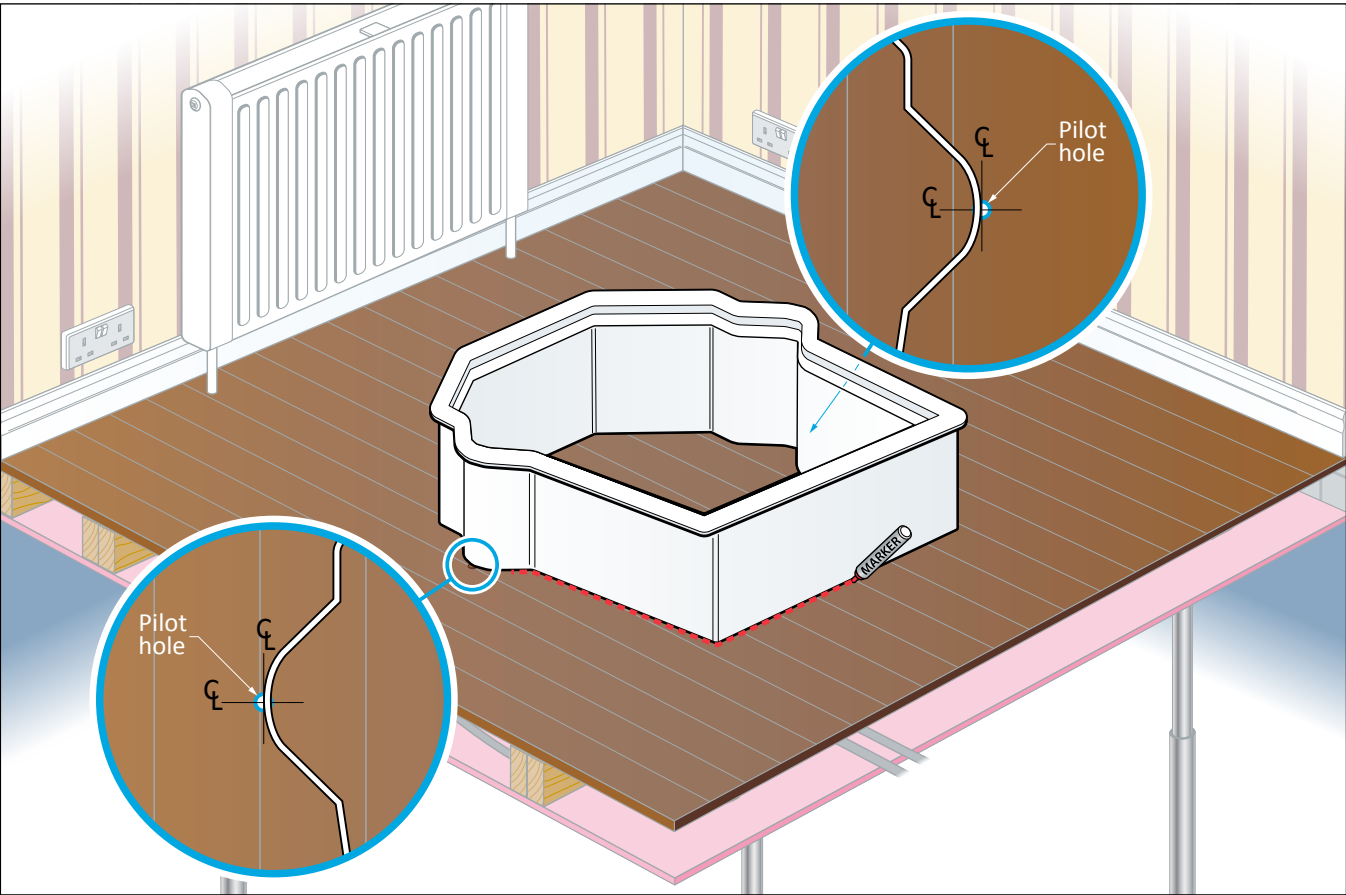
Re-lay floor boards



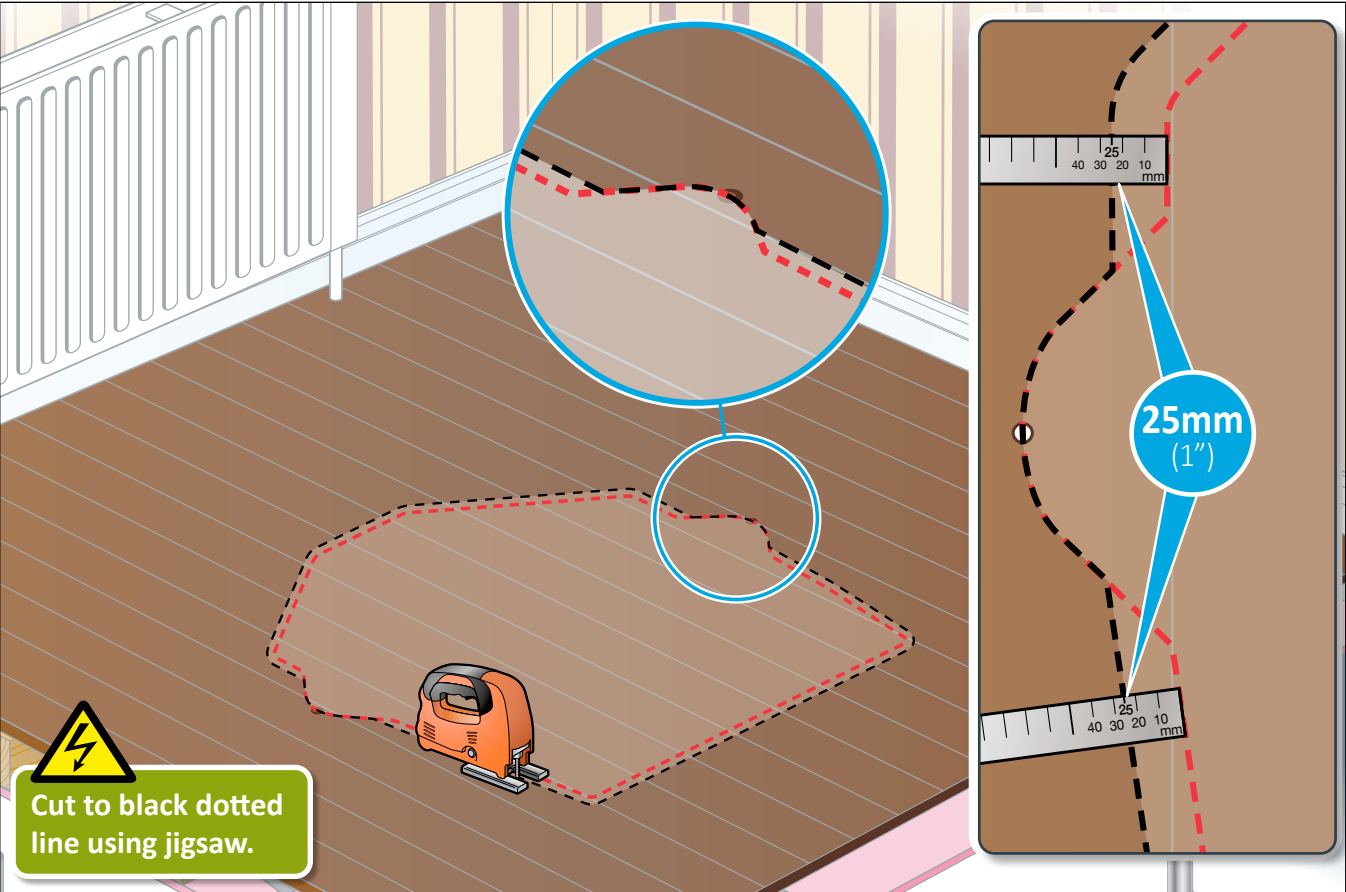
Drill pilot holes from below



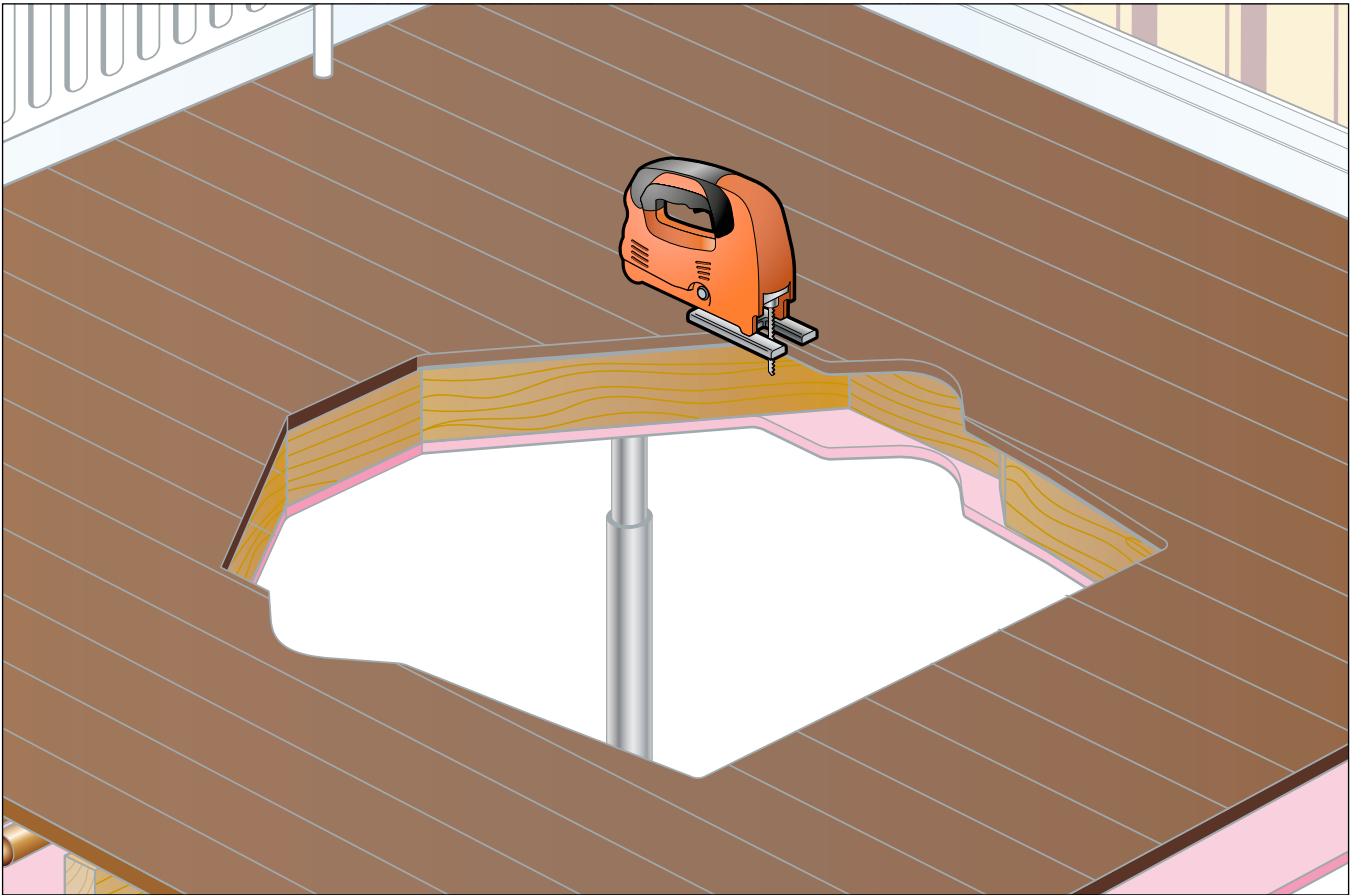
Position insert on pilot holes and draw round insert



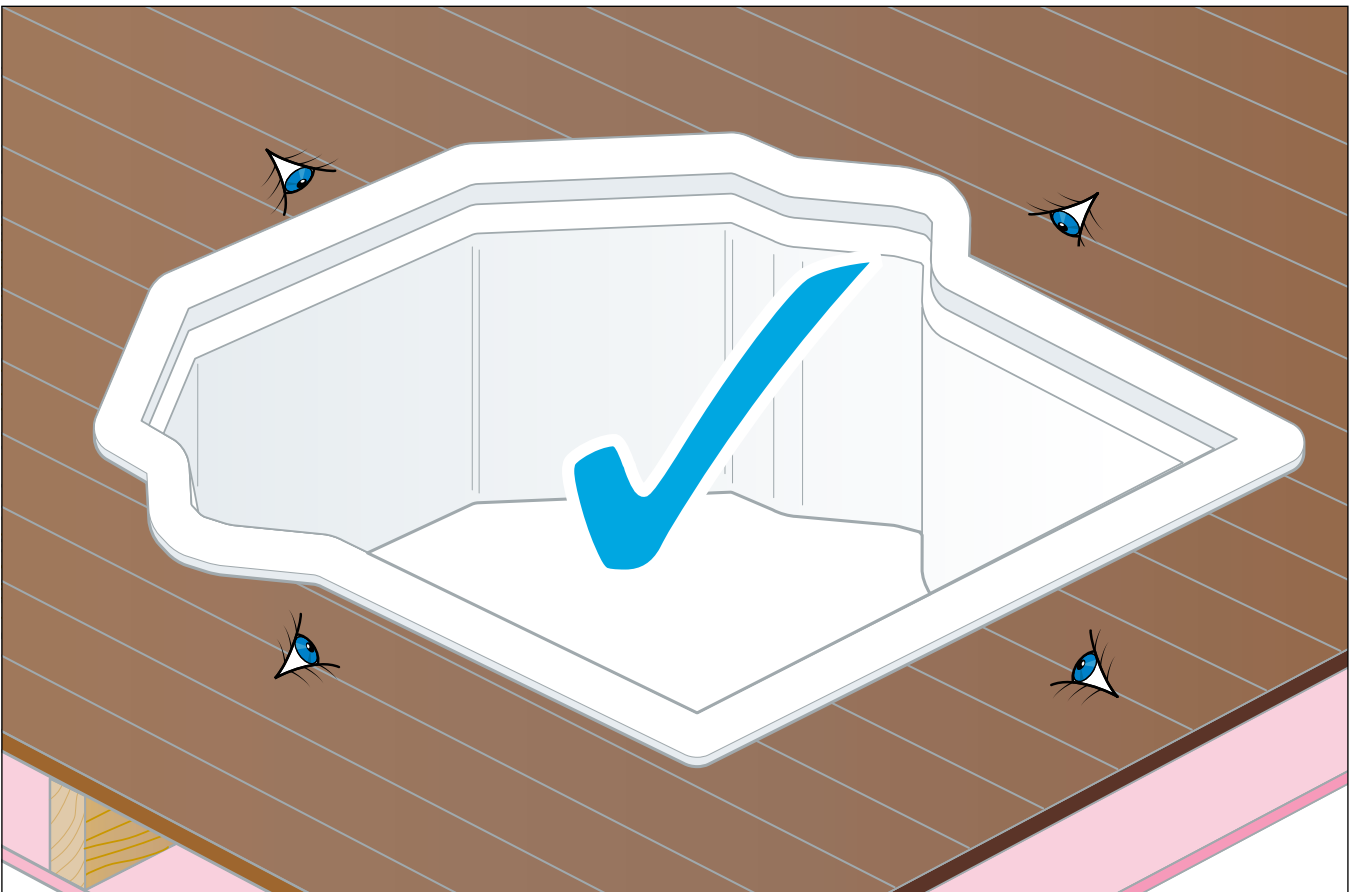
Add 25mm (1") to perimeter, excl. guide rail profile 'ears'



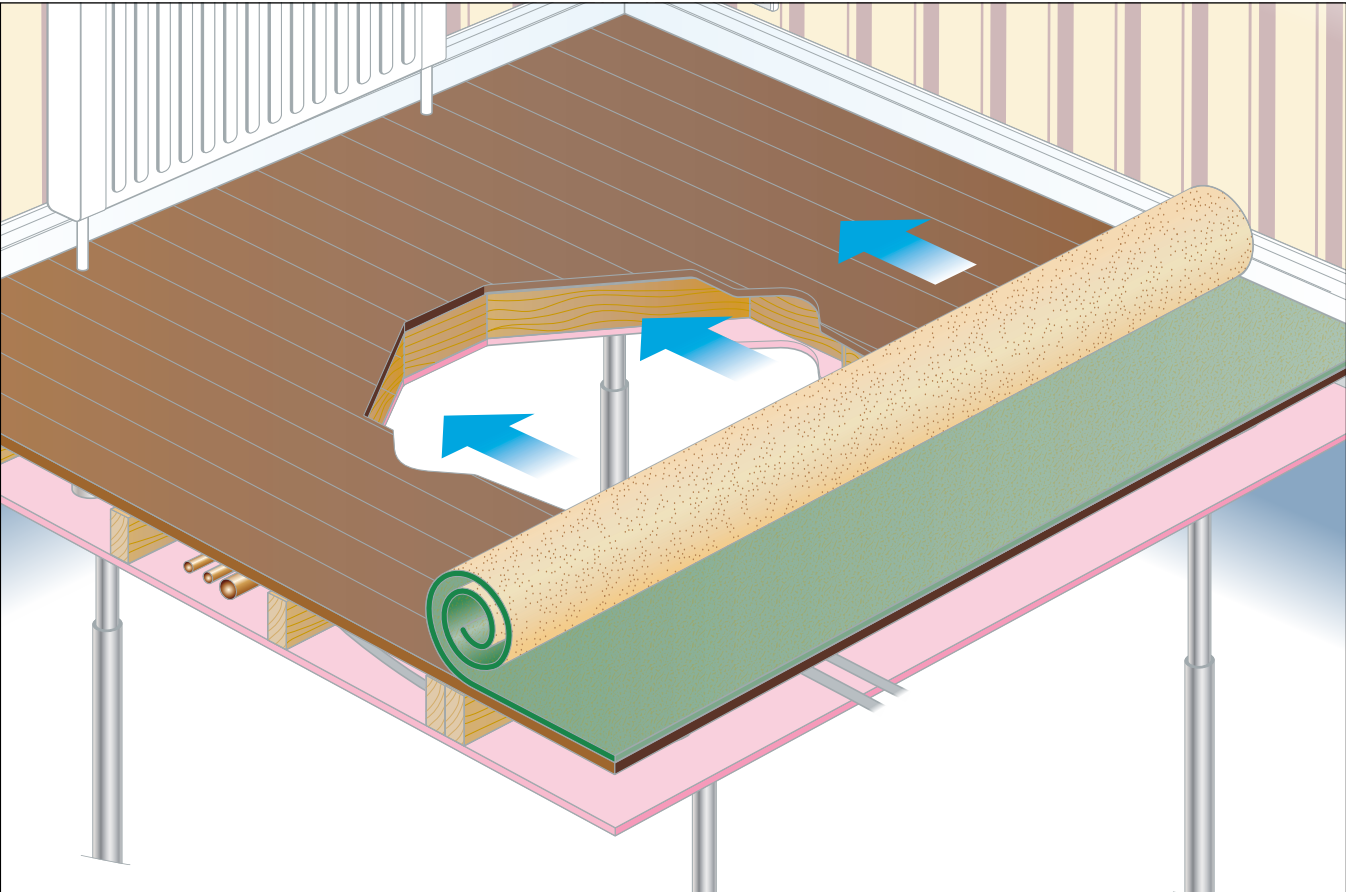
Cut out aperture



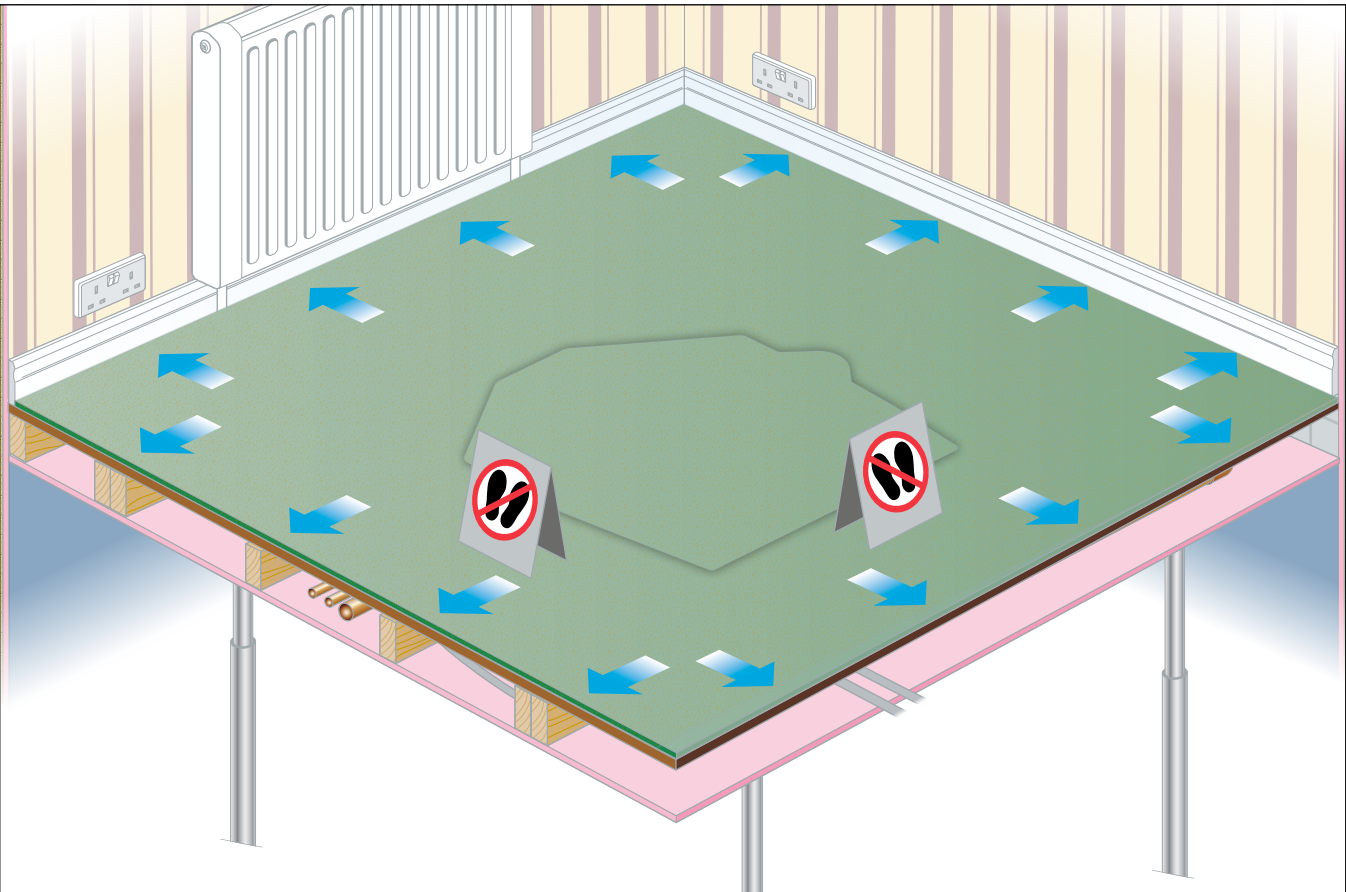
Check that insert fits



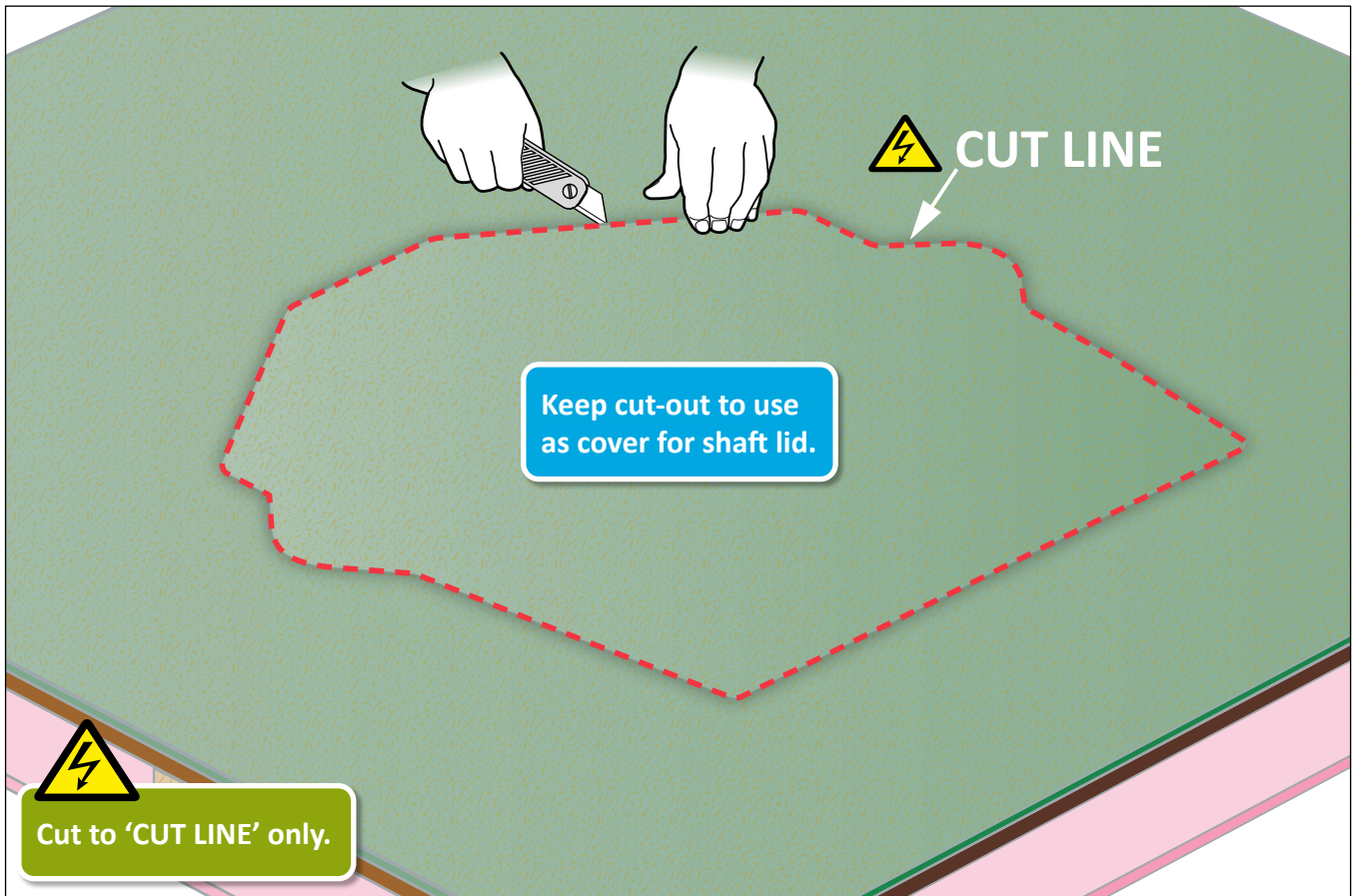
Remove insert and re-lay carpet



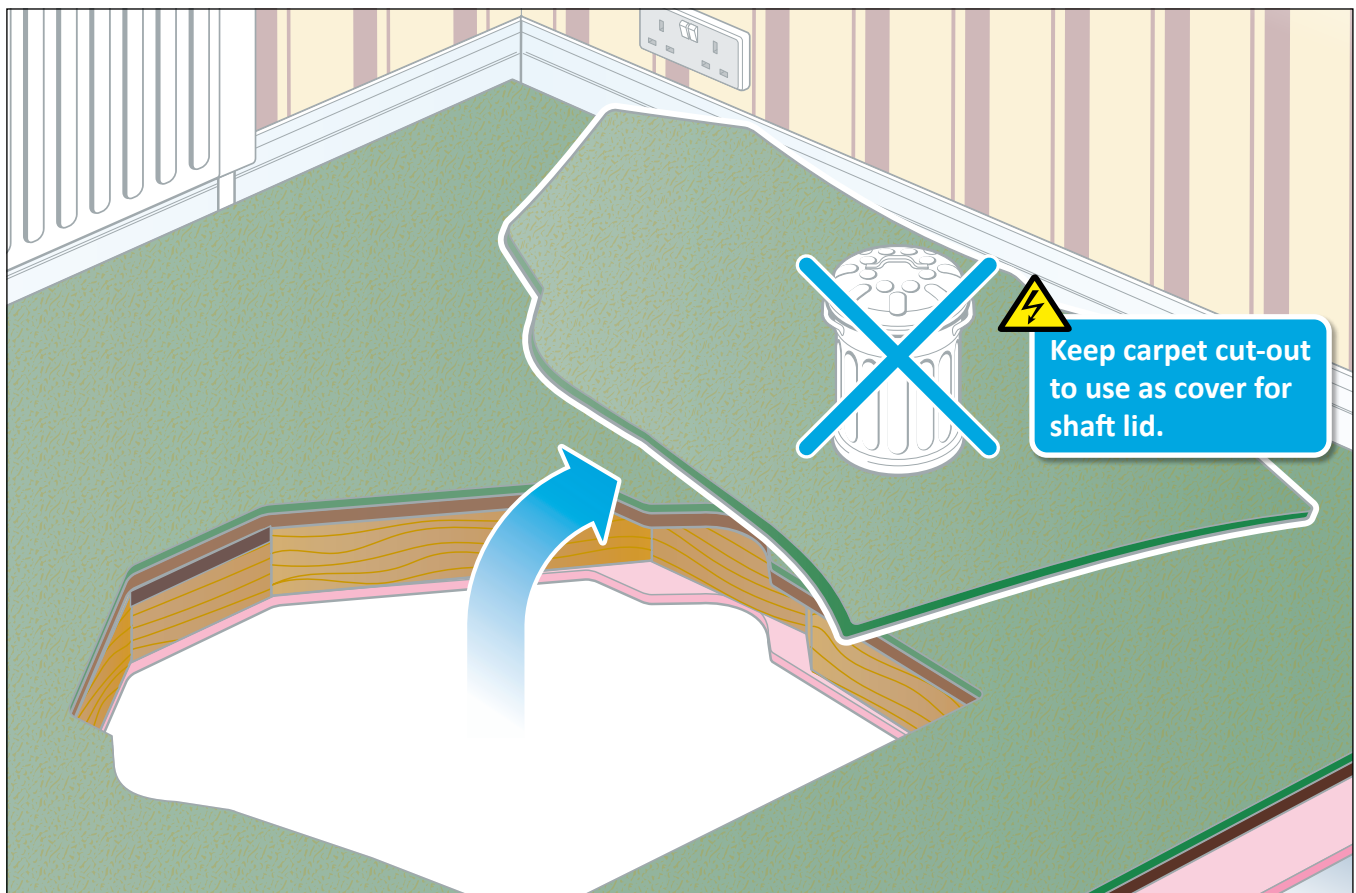
Stretch and re-fit carpet



Feel for edges and cut carpet for aperture



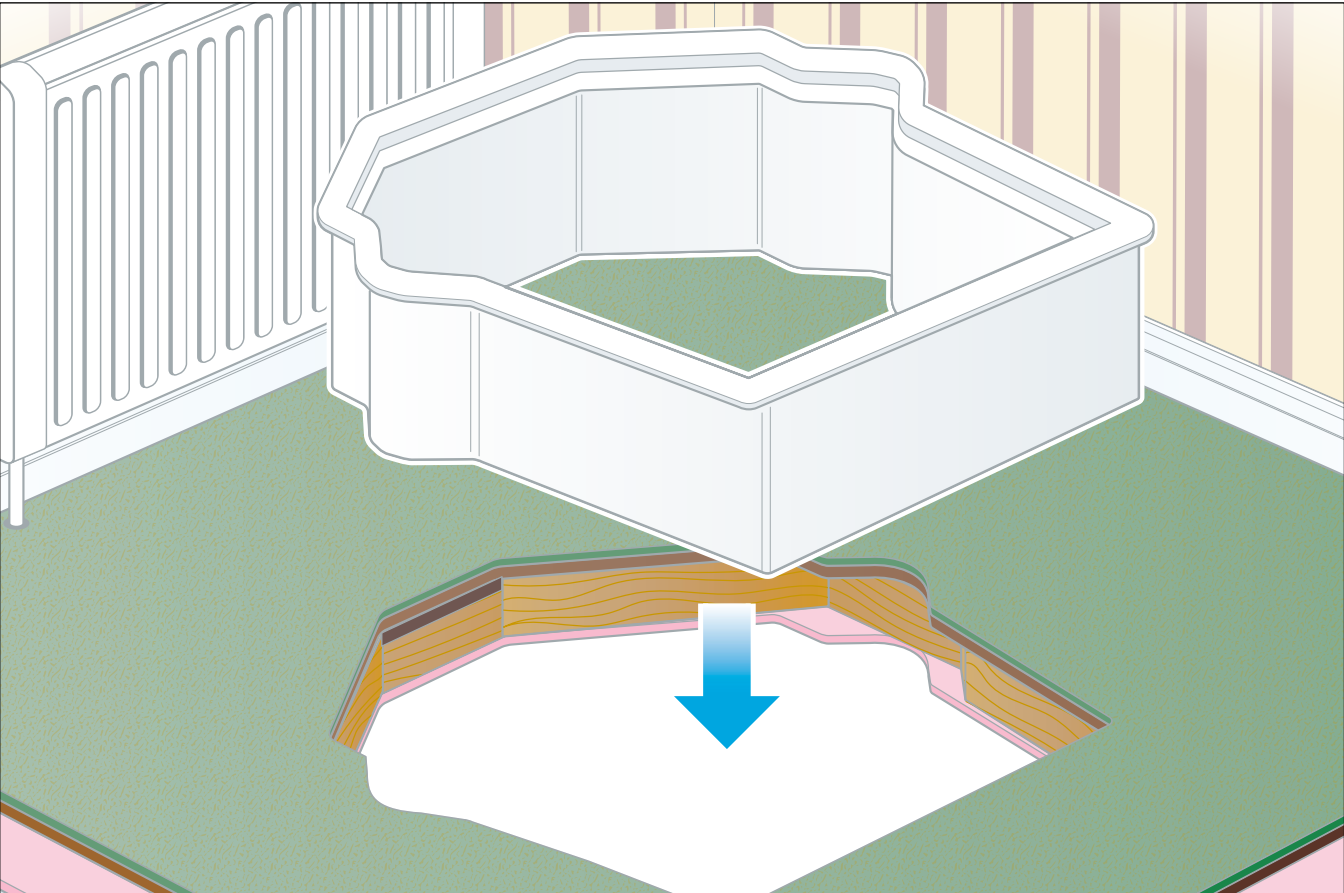
Remove and retain carpet cut-out



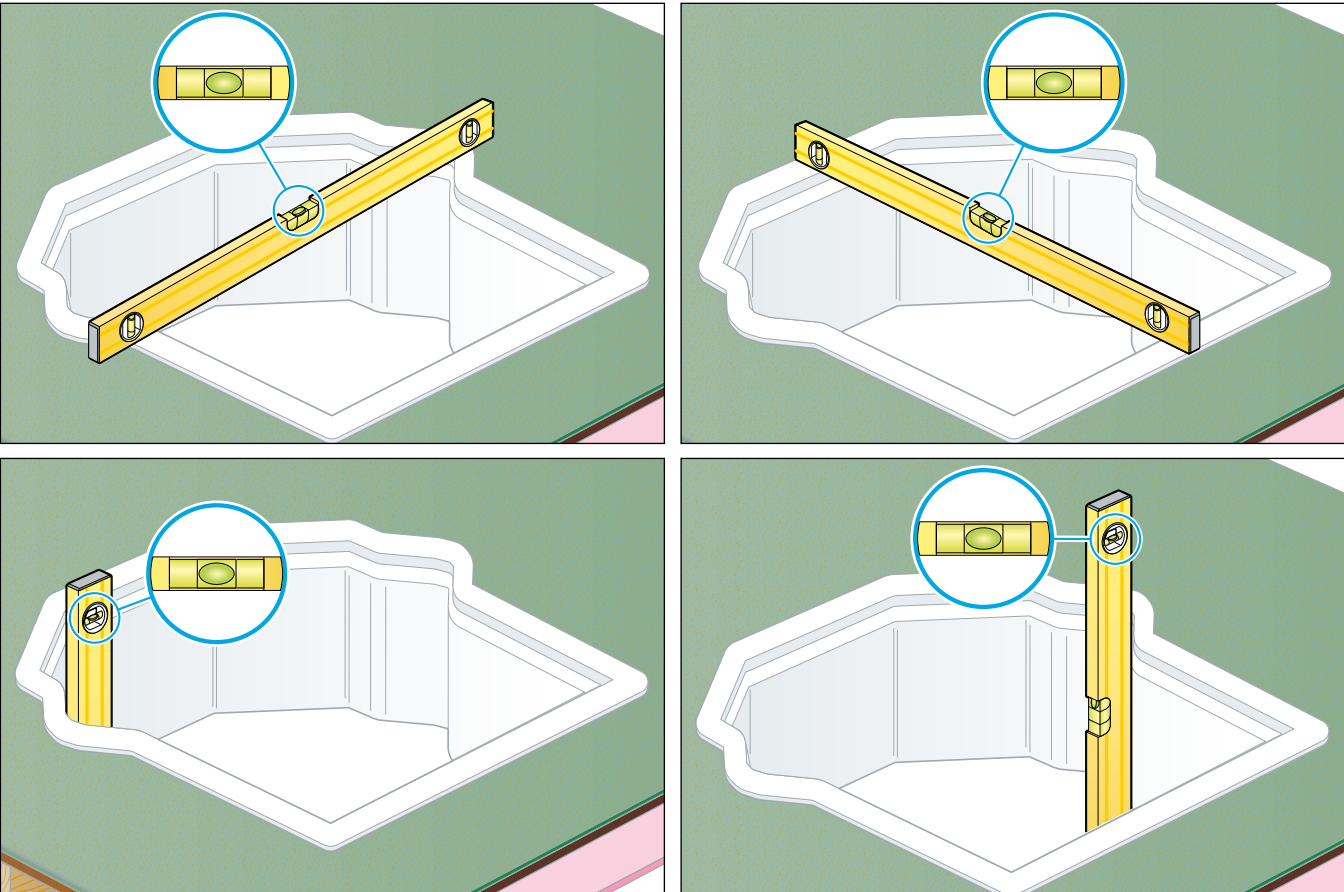
SECTION 2: Installing Insert in a Wooden Floor

Place insert into aperture	24
Check insert is level	24
Mark insert ready for cutting.....	25
Cut insert, discard off-cut for recycling	25
Install ceiling trim flange	26
Drill and pop rivet ceiling trim flange to floor insert	26
Clamp floor insert and ceiling trim flange.....	27
Fit carpet to shaft lid.....	27
Place shaft lid into floor insert.....	28

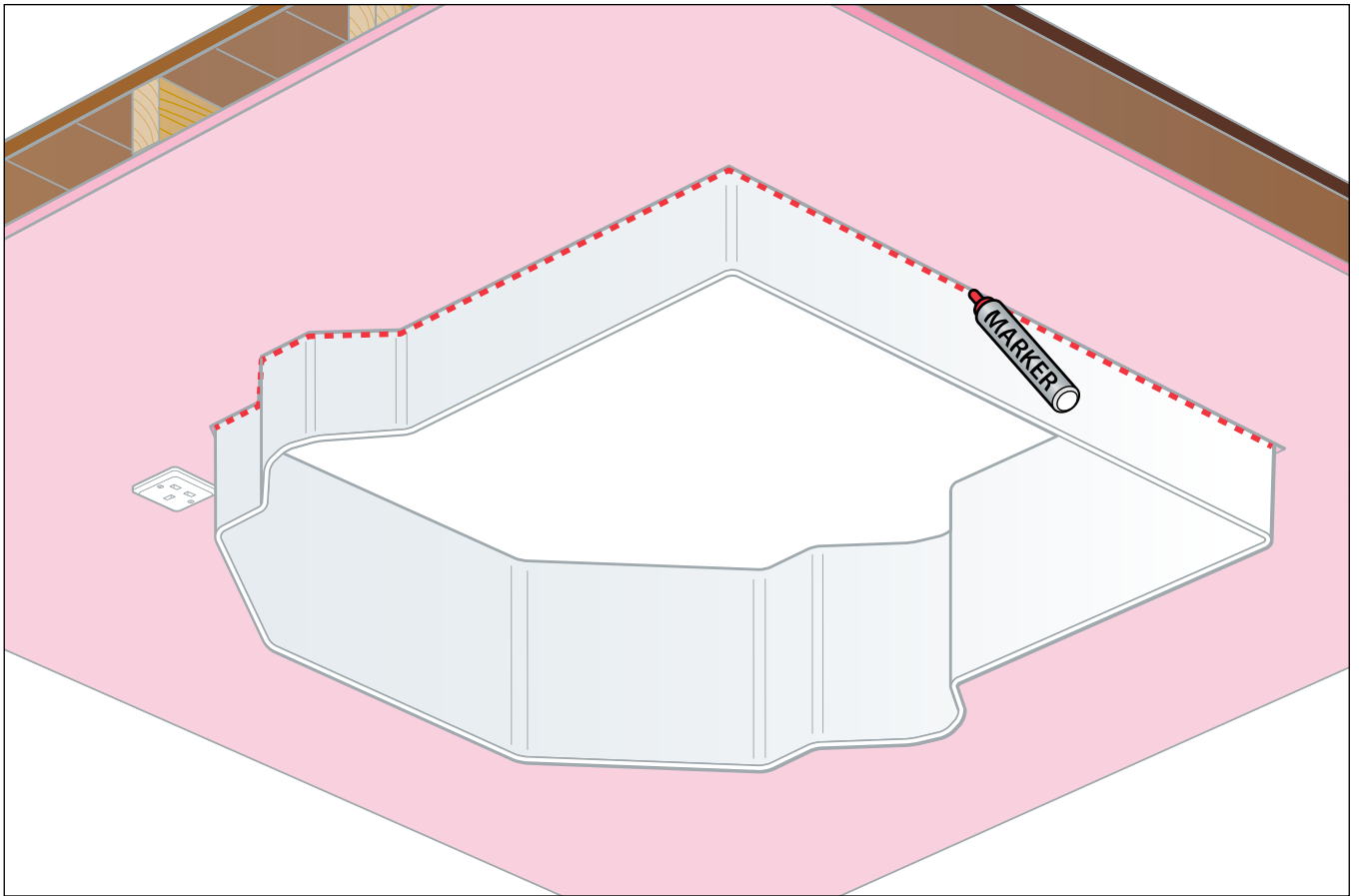
Place insert into aperture



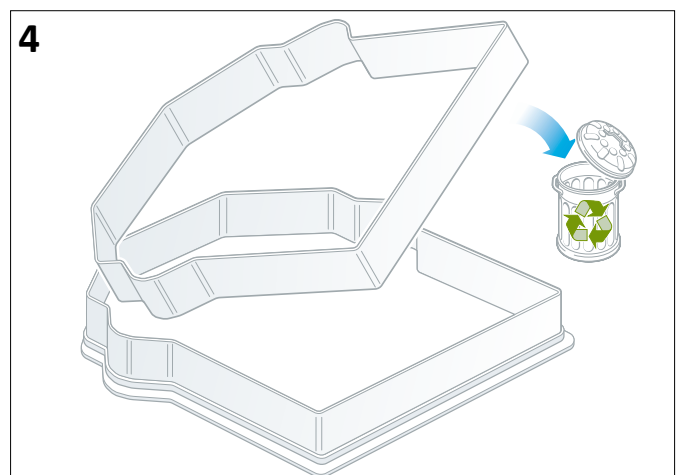
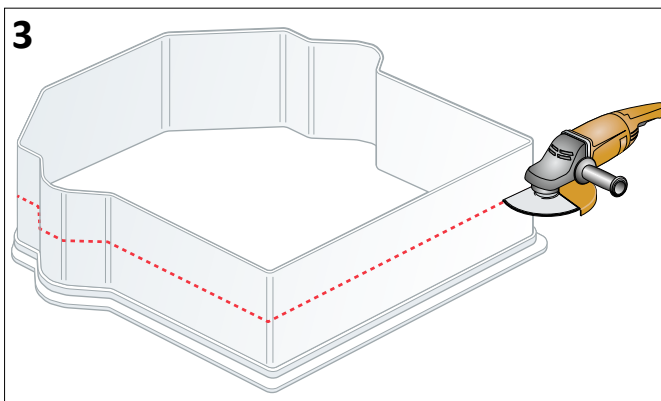
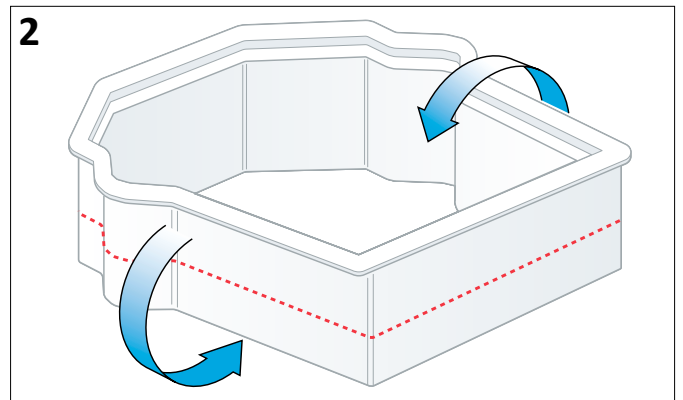
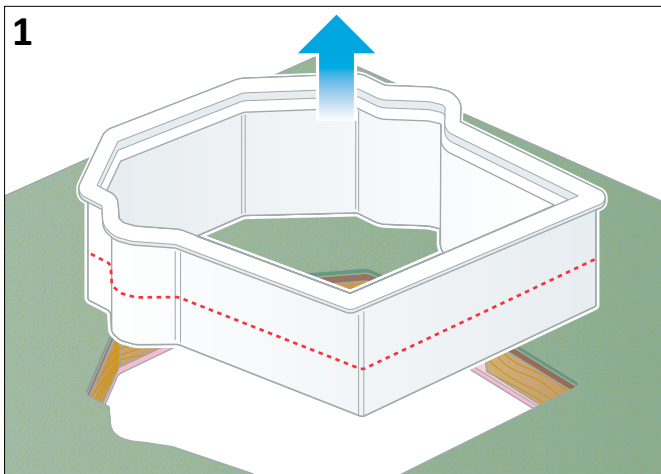
Check insert is level



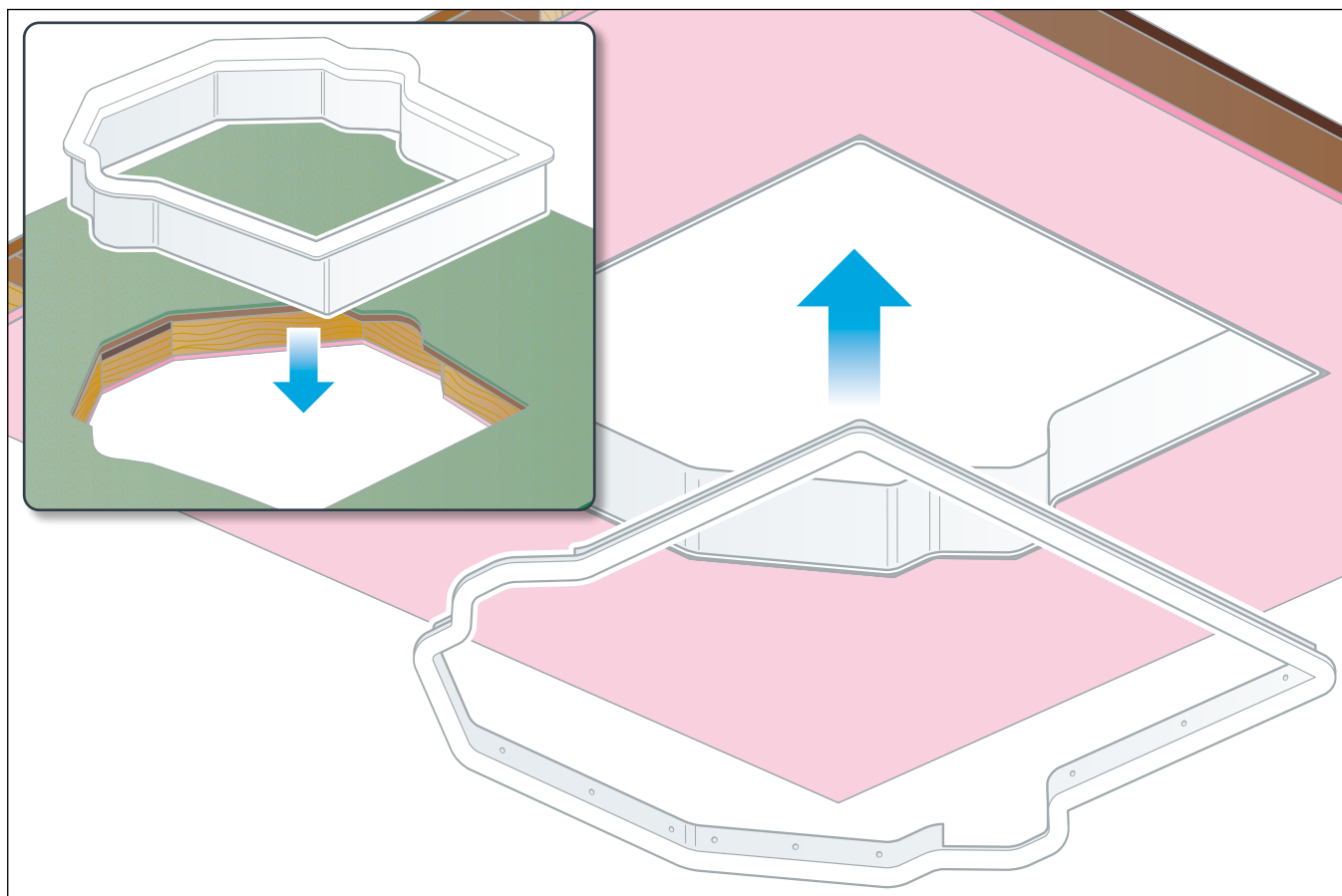
Mark insert ready for cutting



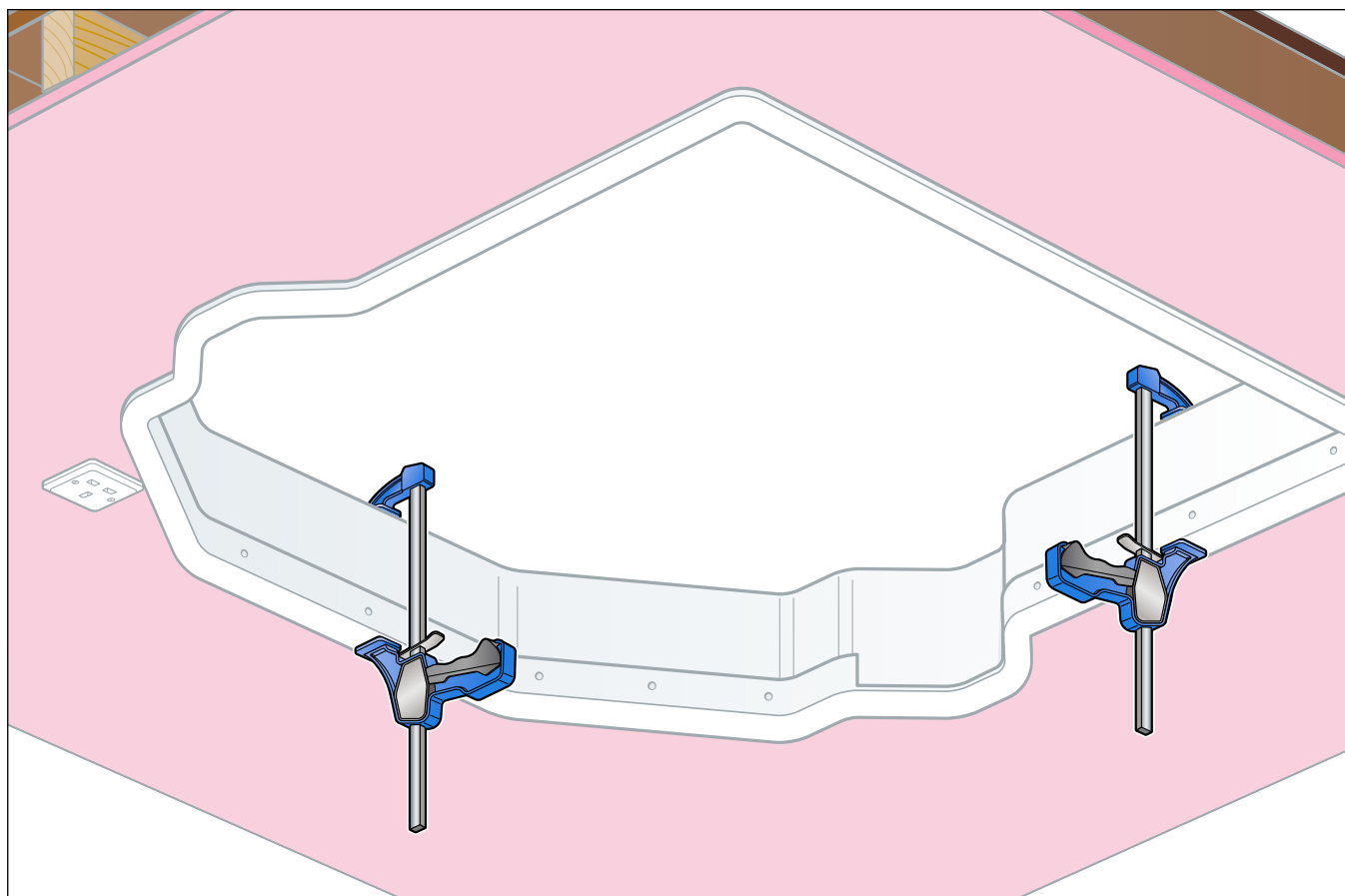
Cut insert, discard off-cut for recycling



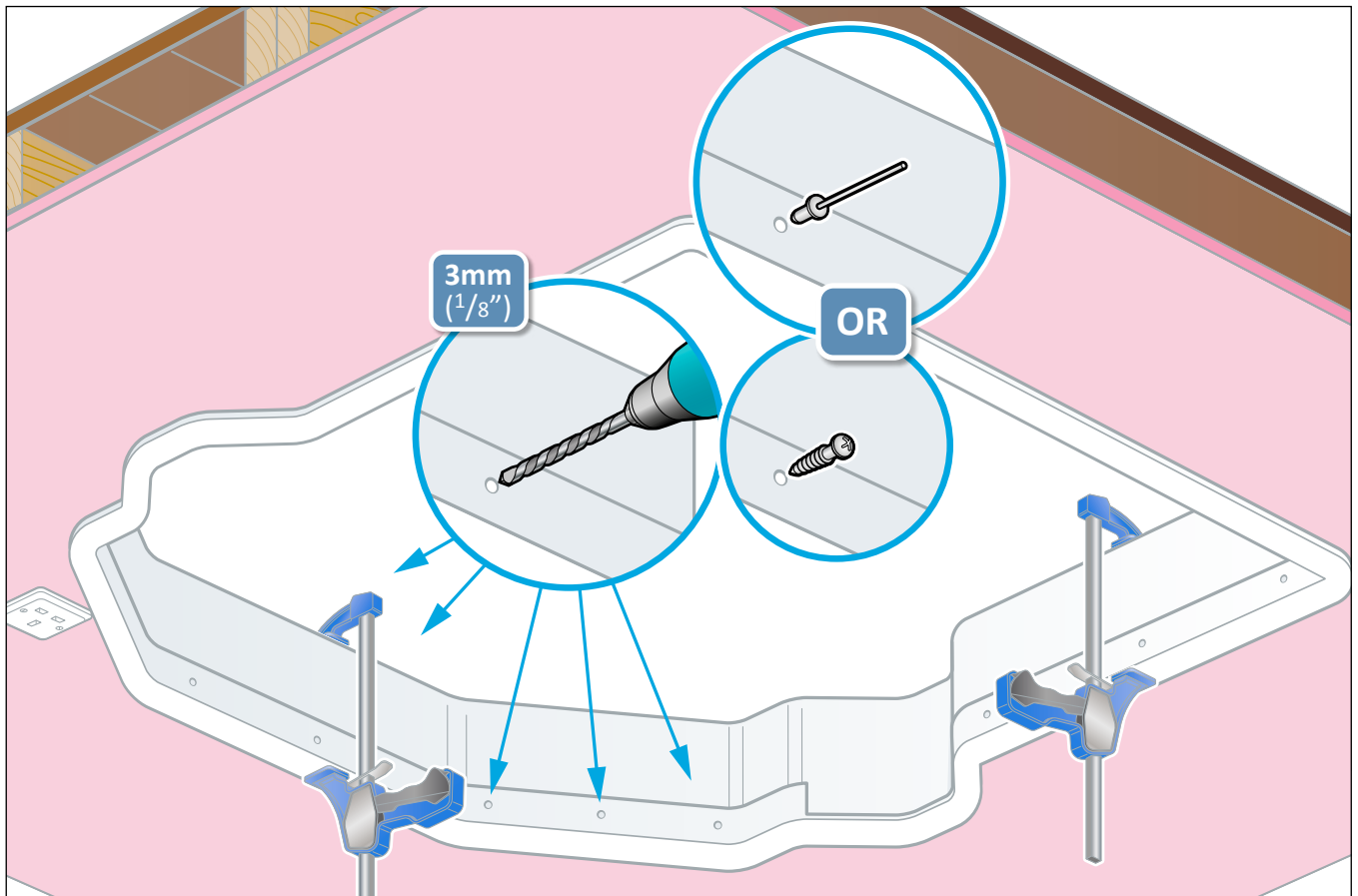
Install ceiling trim flange



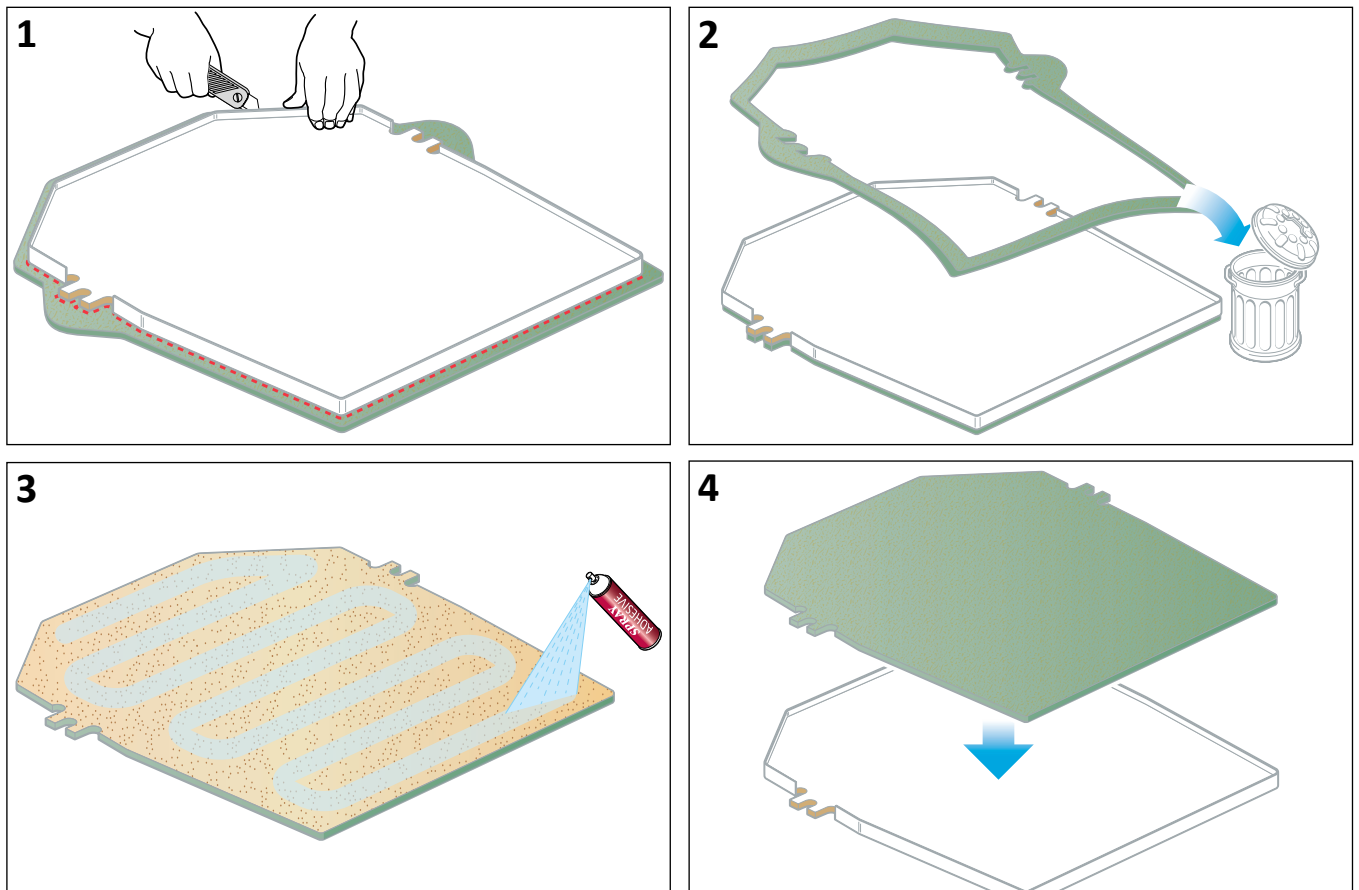
Drill and pop rivet ceiling trim flange to floor insert



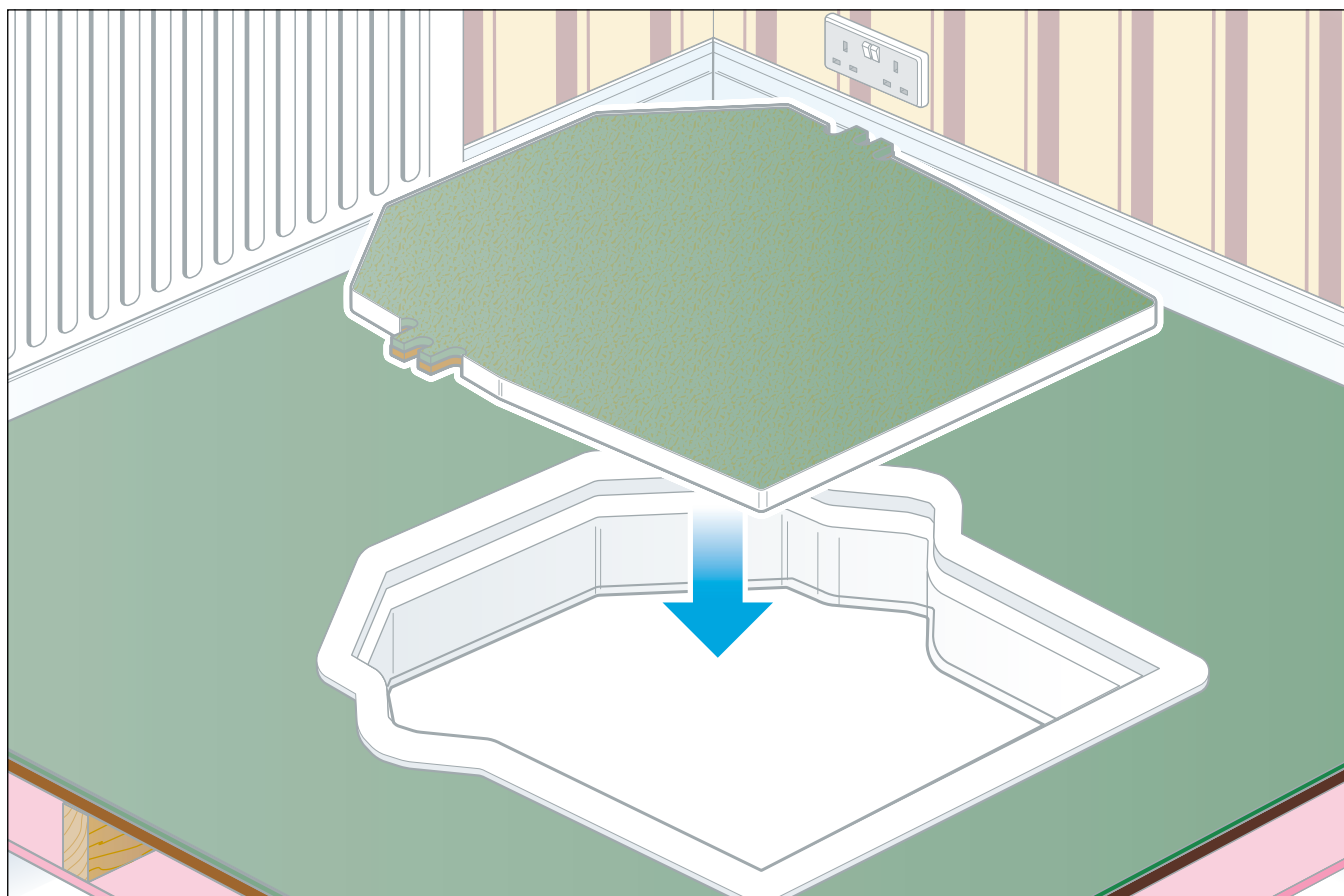
Clamp floor insert and ceiling trim flange



Fit carpet to shaft lid



Place shaft lid into floor insert

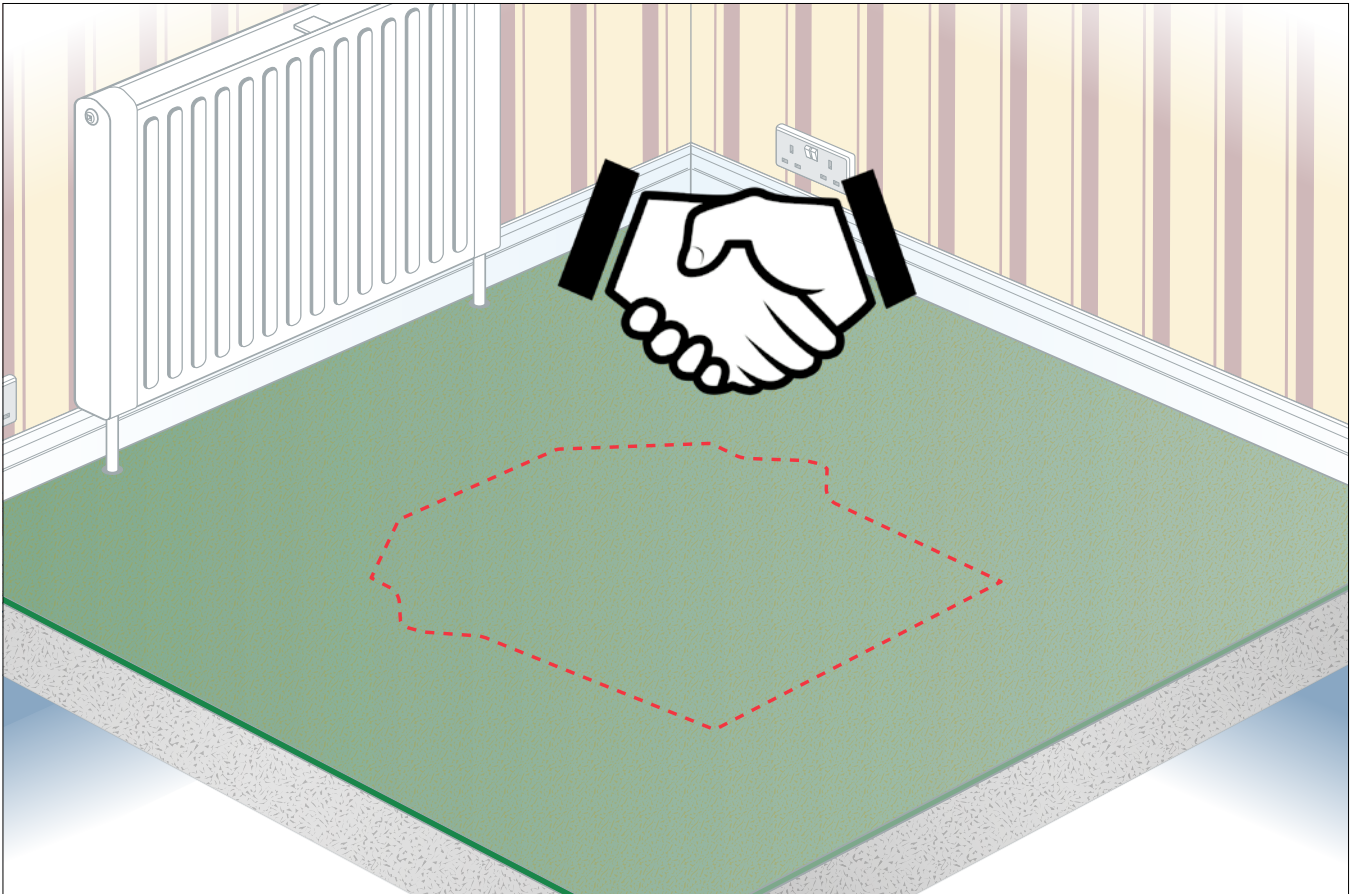


SECTION 3:

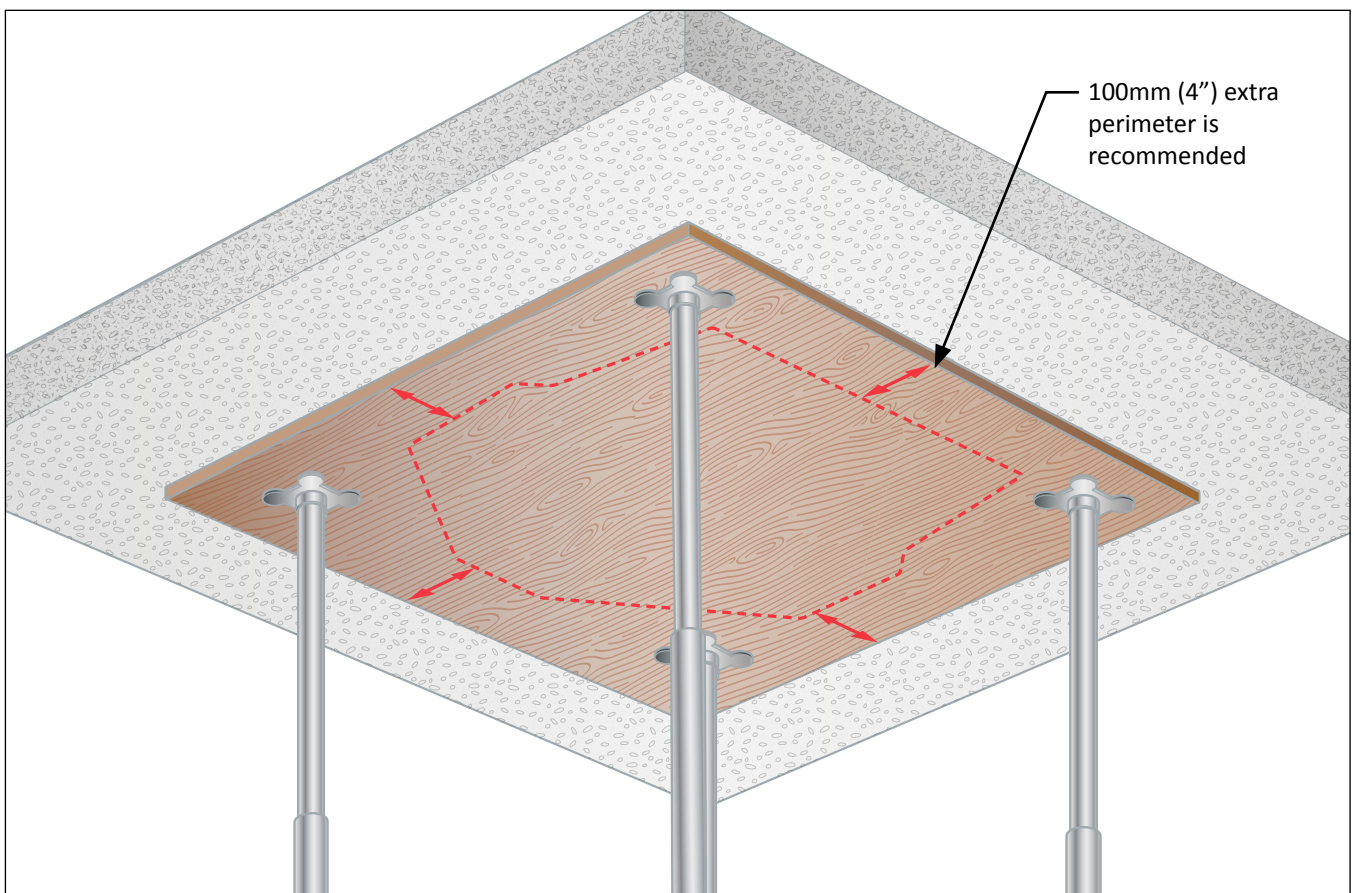
Method 1 - Aperture Preparation Poured Concrete Floor

Agree position of lift with customer.....	30
Support ceiling with Acrow props	30
Roll back carpet	31
Mark 50mm (2") around insert	31
Core drill perimeter with small core bit	32
Core drill and chisel off high points.....	32
Cut out aperture	33
Install frame into aperture	33
Install frame into aperture	34
Infill corners with 18mm (11/16") ply	34
Remove props and check that insert fits.....	35
Remove insert and re-lay carpet	35
Stretch and re-fit carpet	36
Feel for edges and cut carpet for aperture	36
Remove and retain carpet cut-out	37

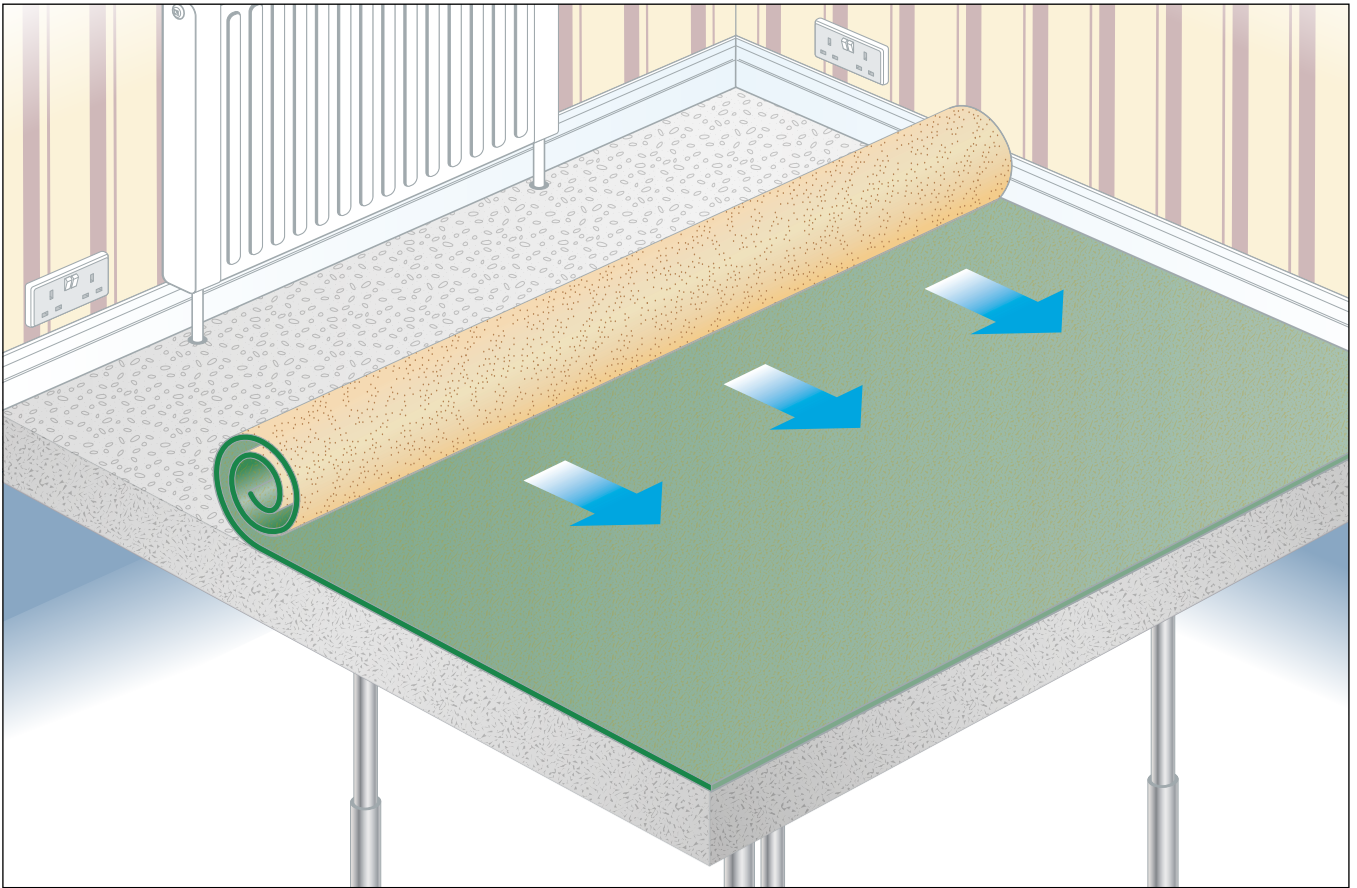
Agree position of lift with customer



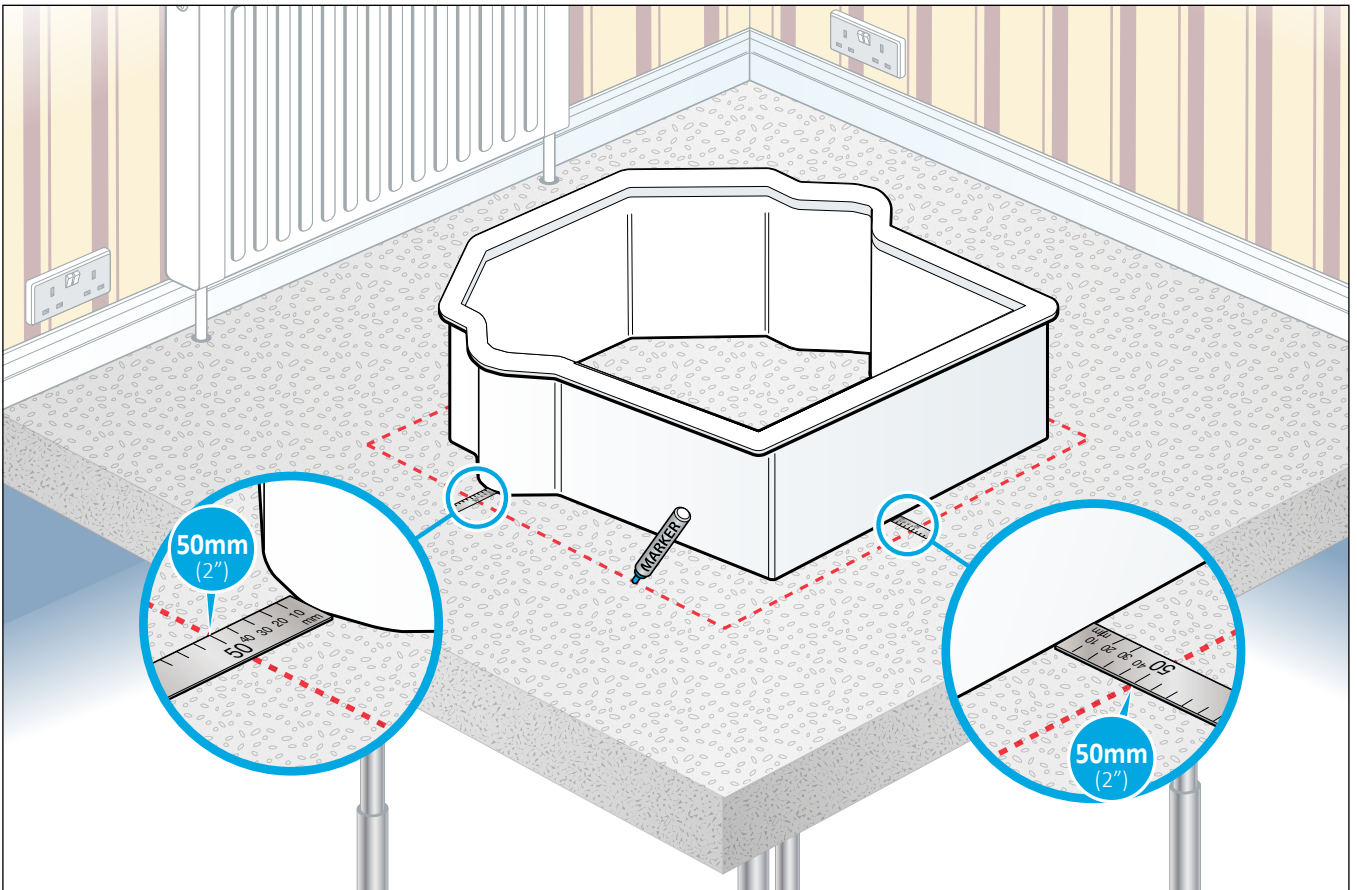
Support ceiling with Acrow props



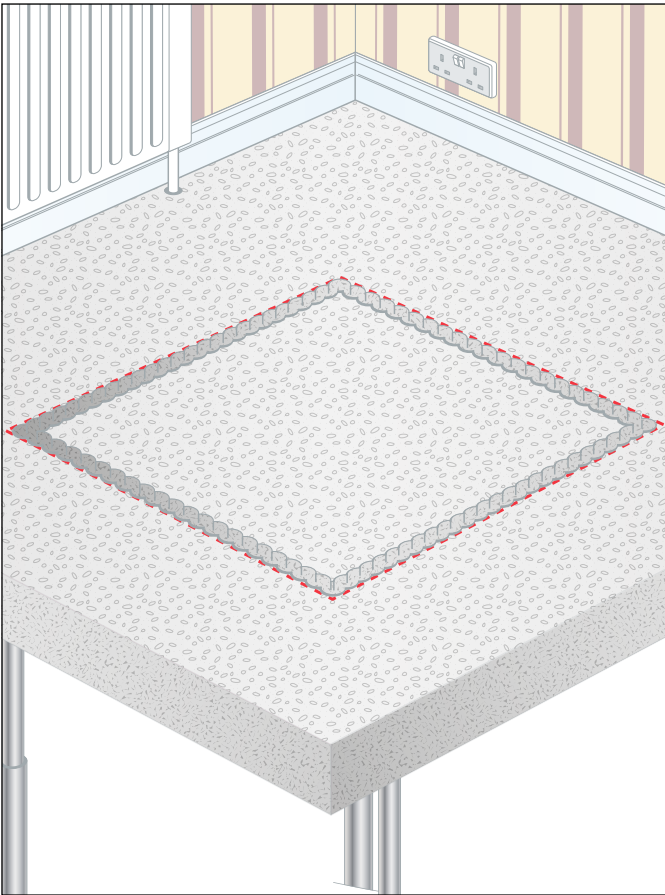
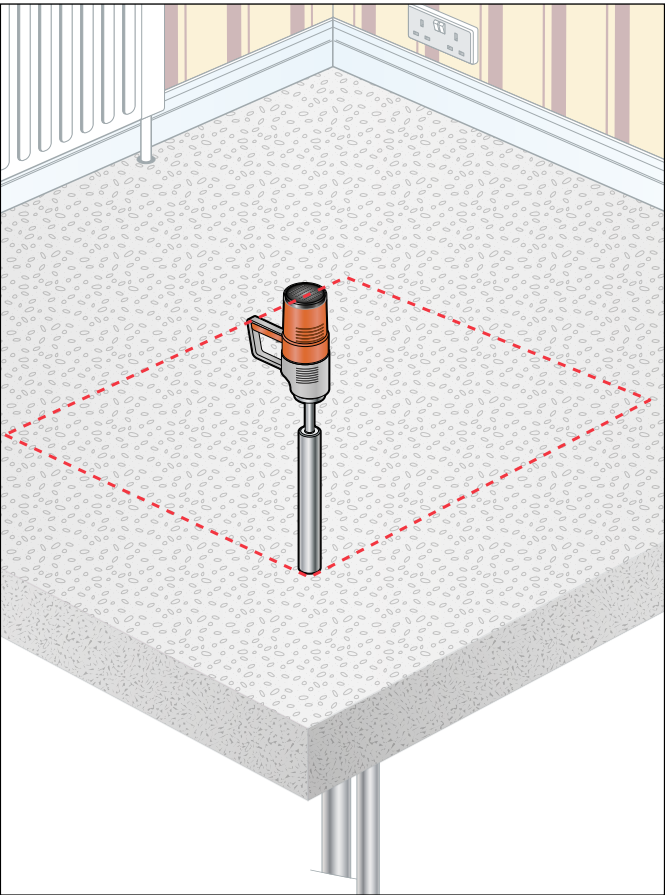
Roll back carpet



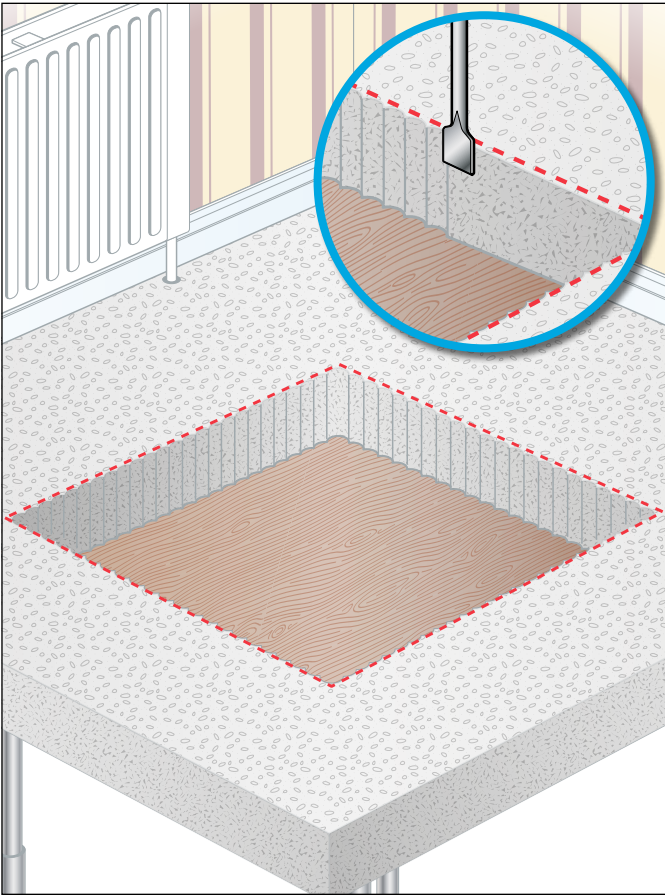
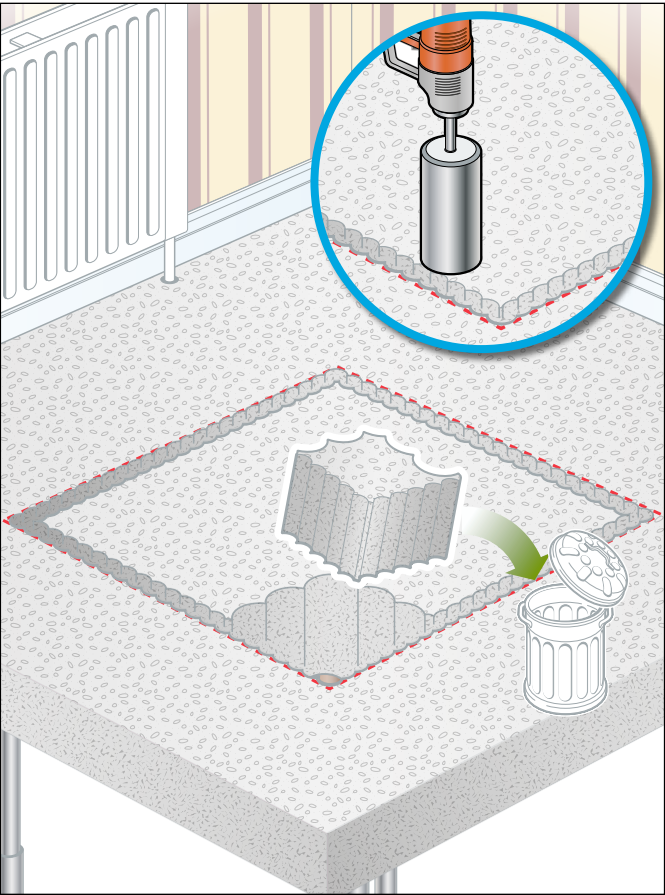
Mark 50mm (2") around insert



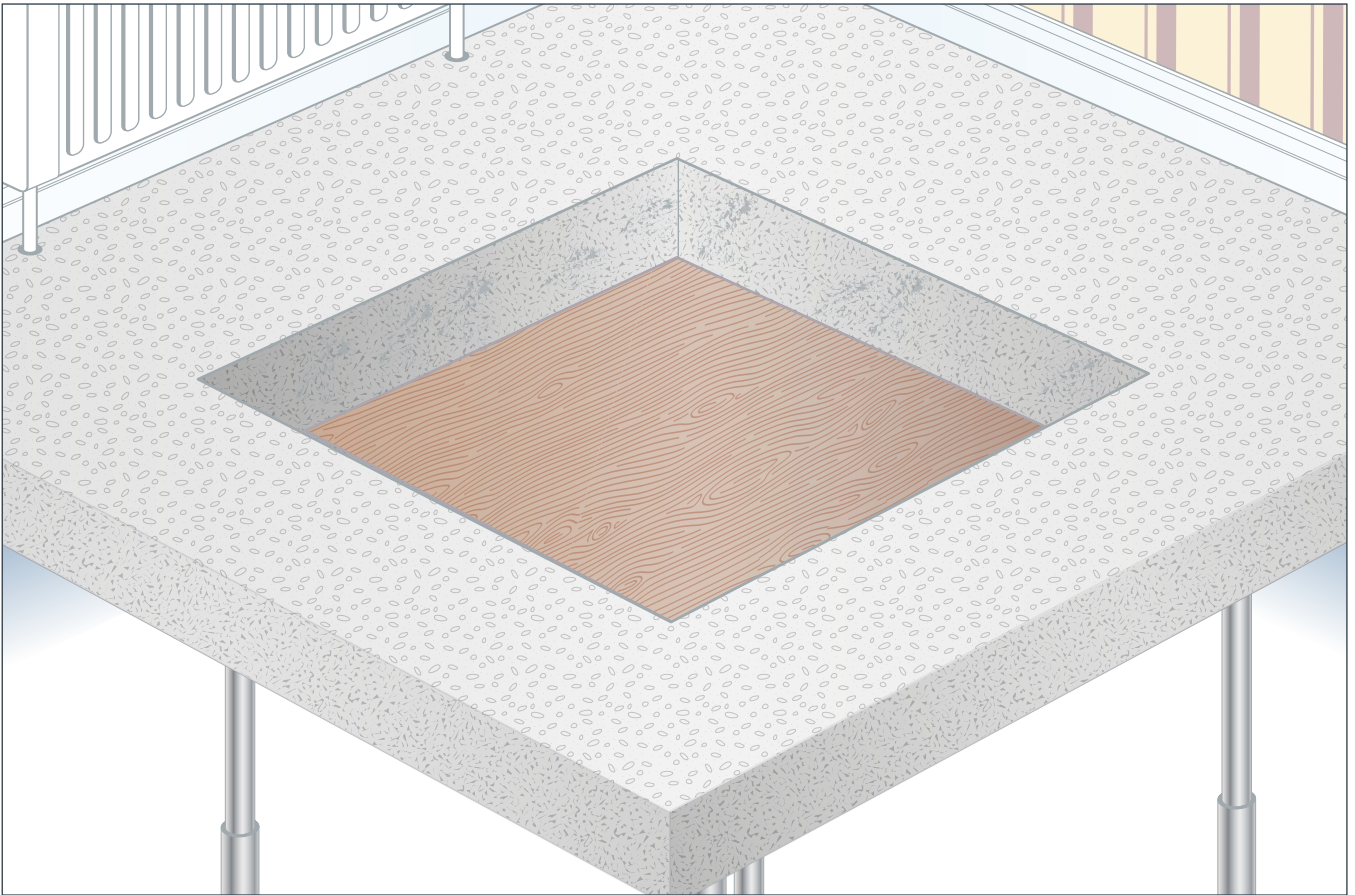
Core drill perimeter with small core bit



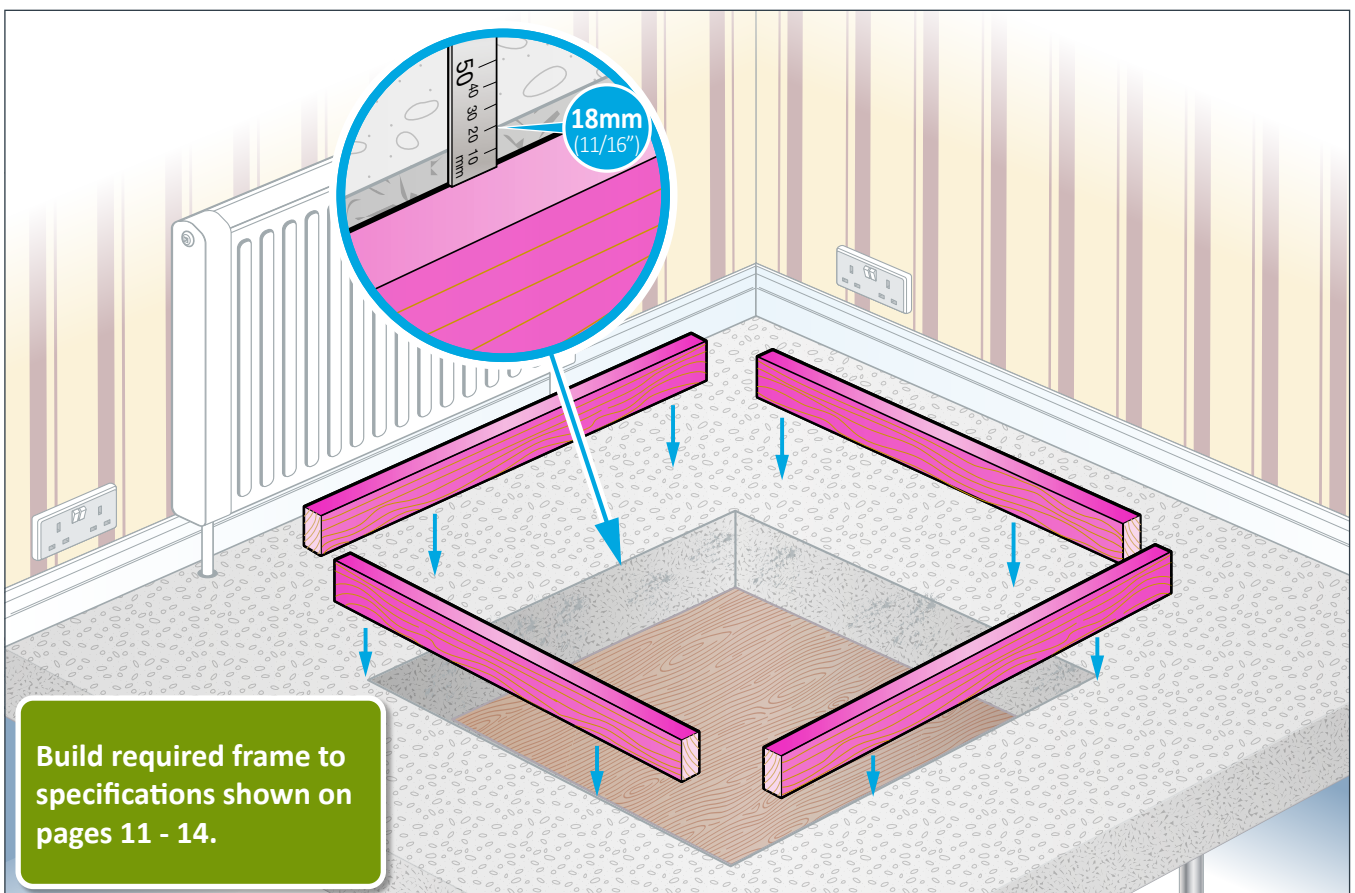
Core drill and chisel off high points



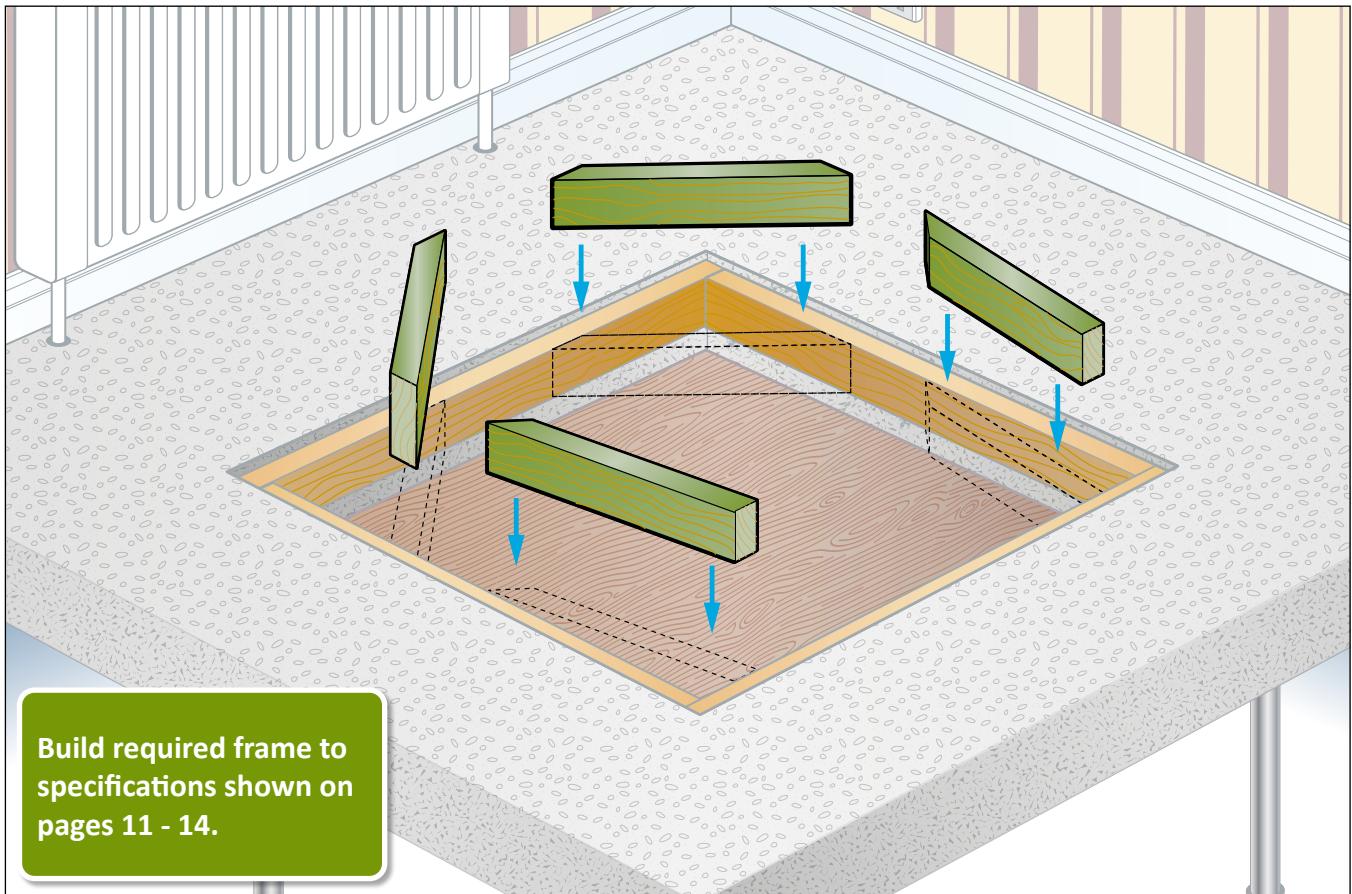
Cut out aperture



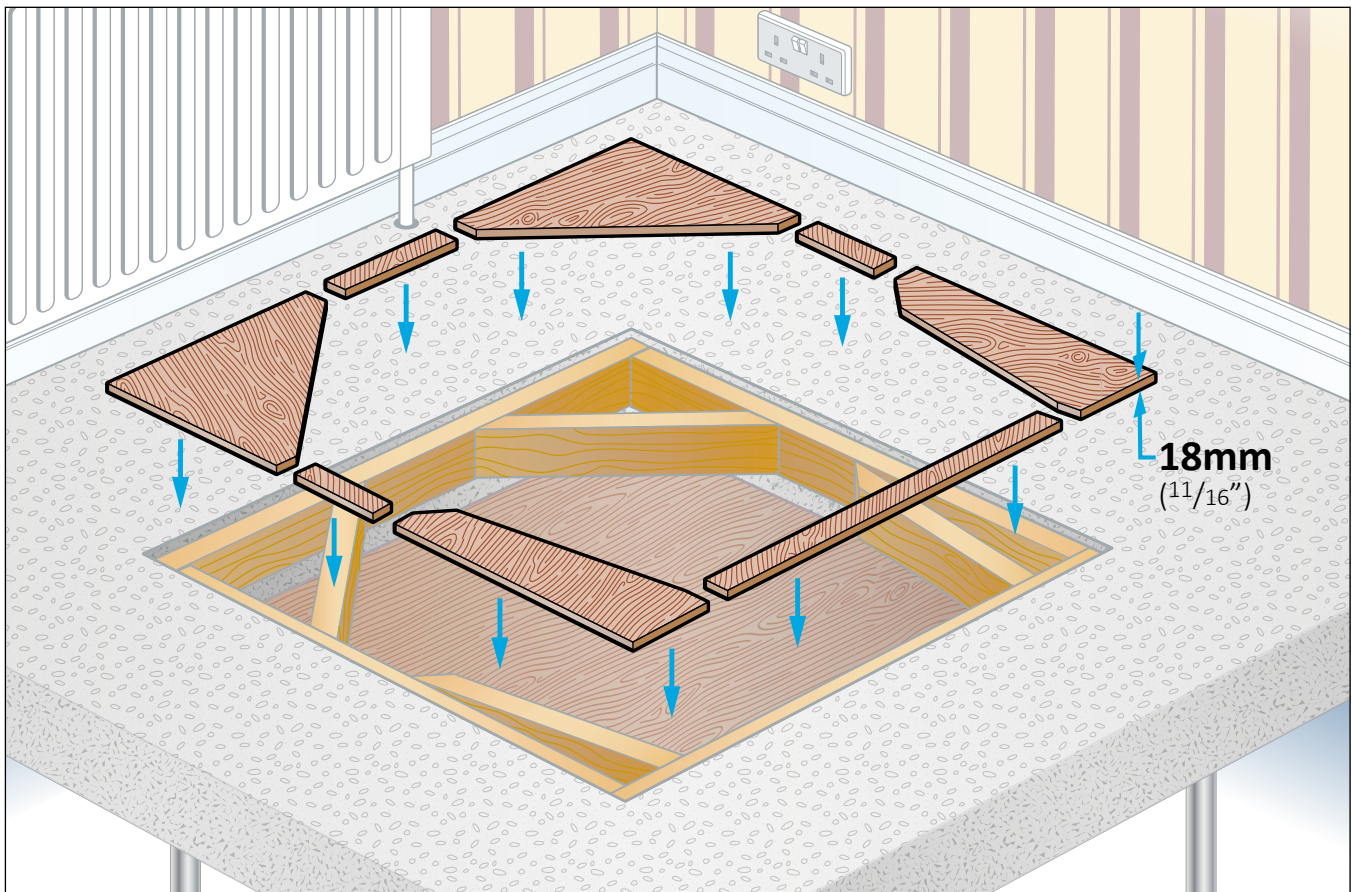
Install frame into aperture



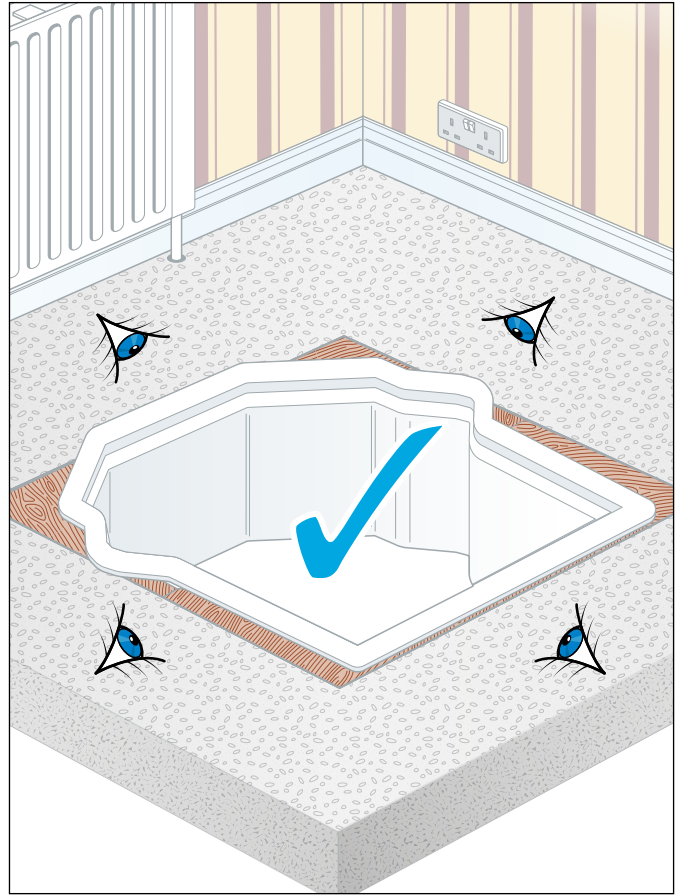
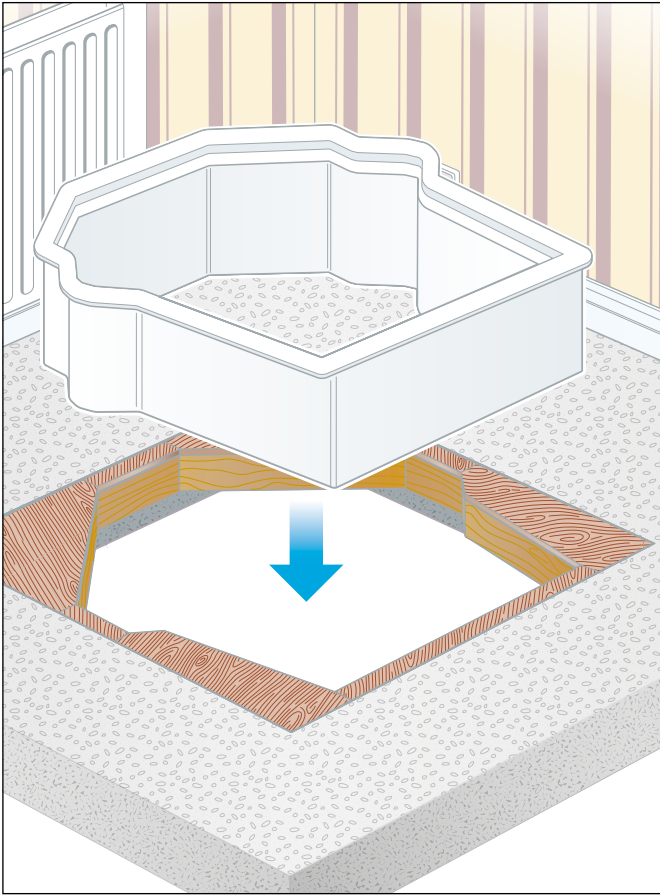
Install frame into aperture



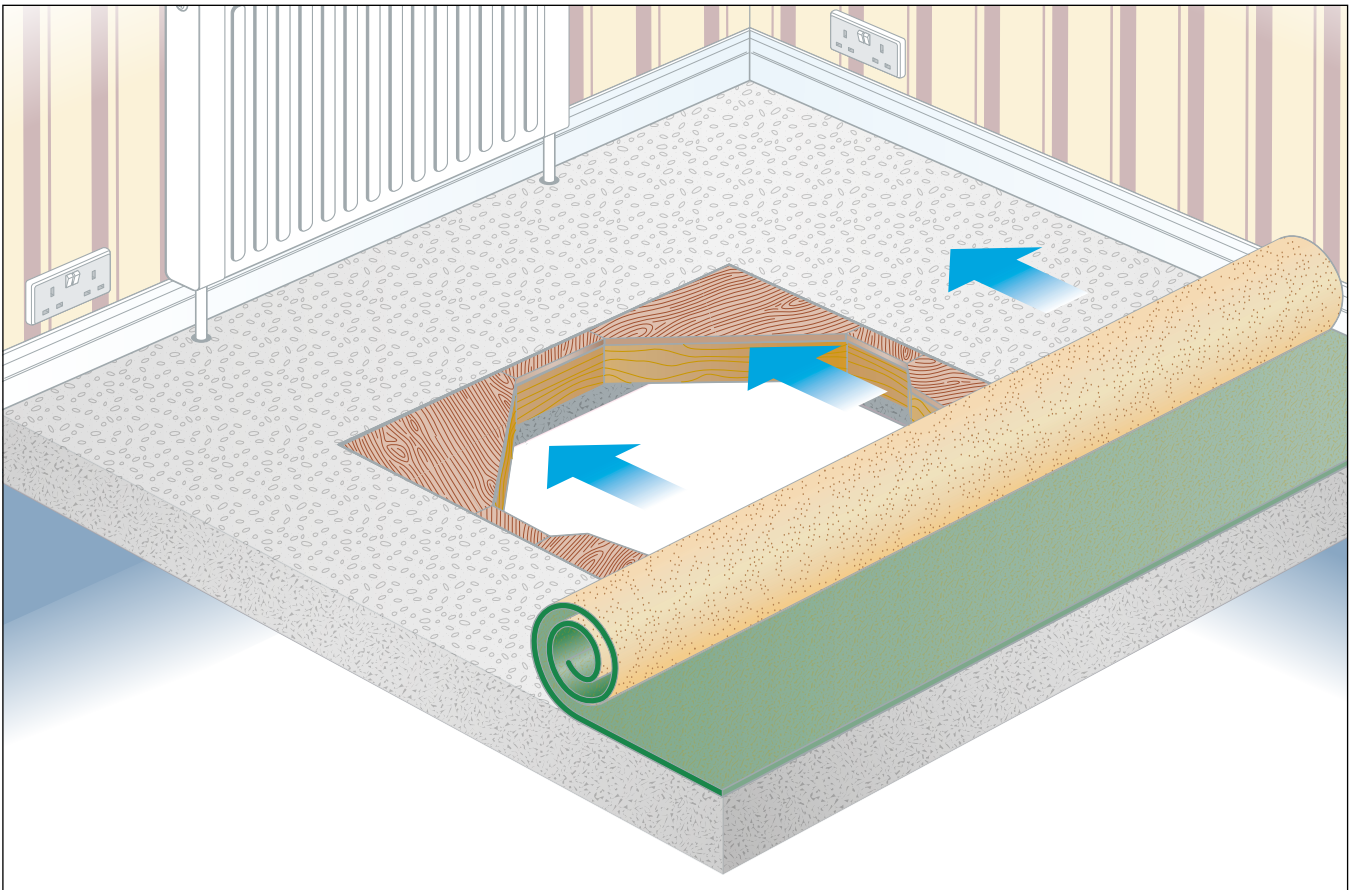
Infill corners with 18mm (11/16") ply



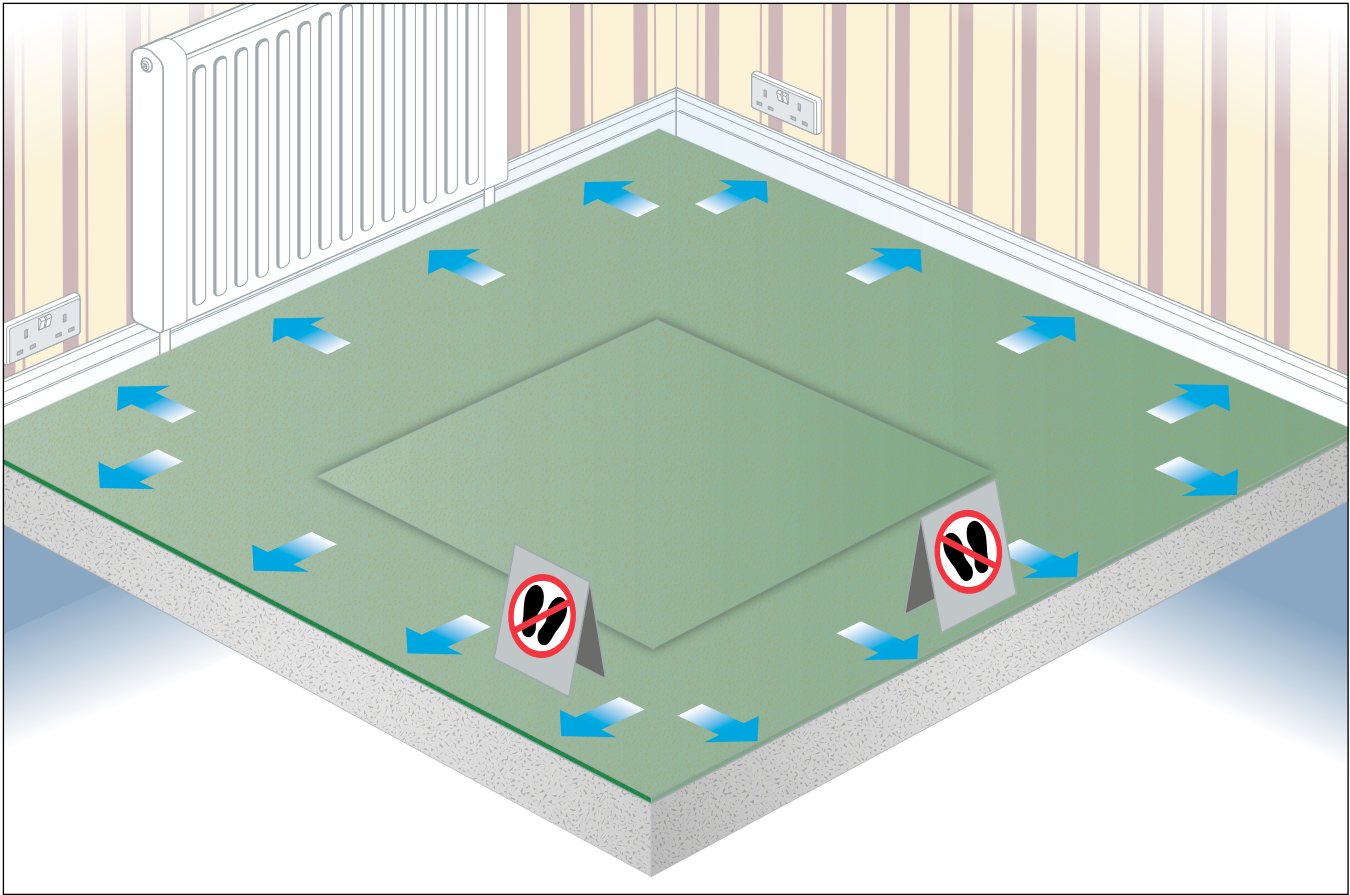
Remove props and check that insert fits



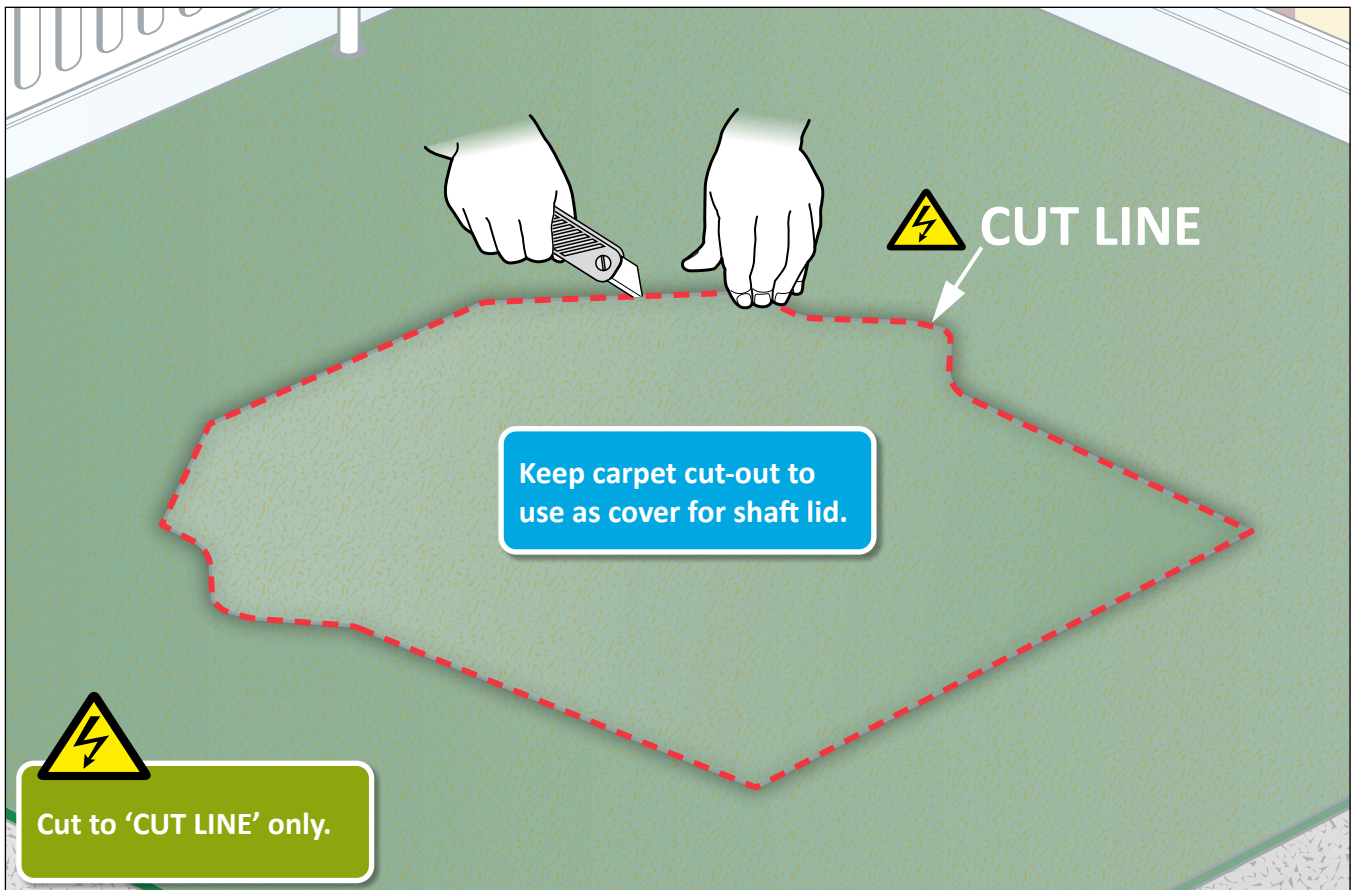
Remove insert and re-lay carpet



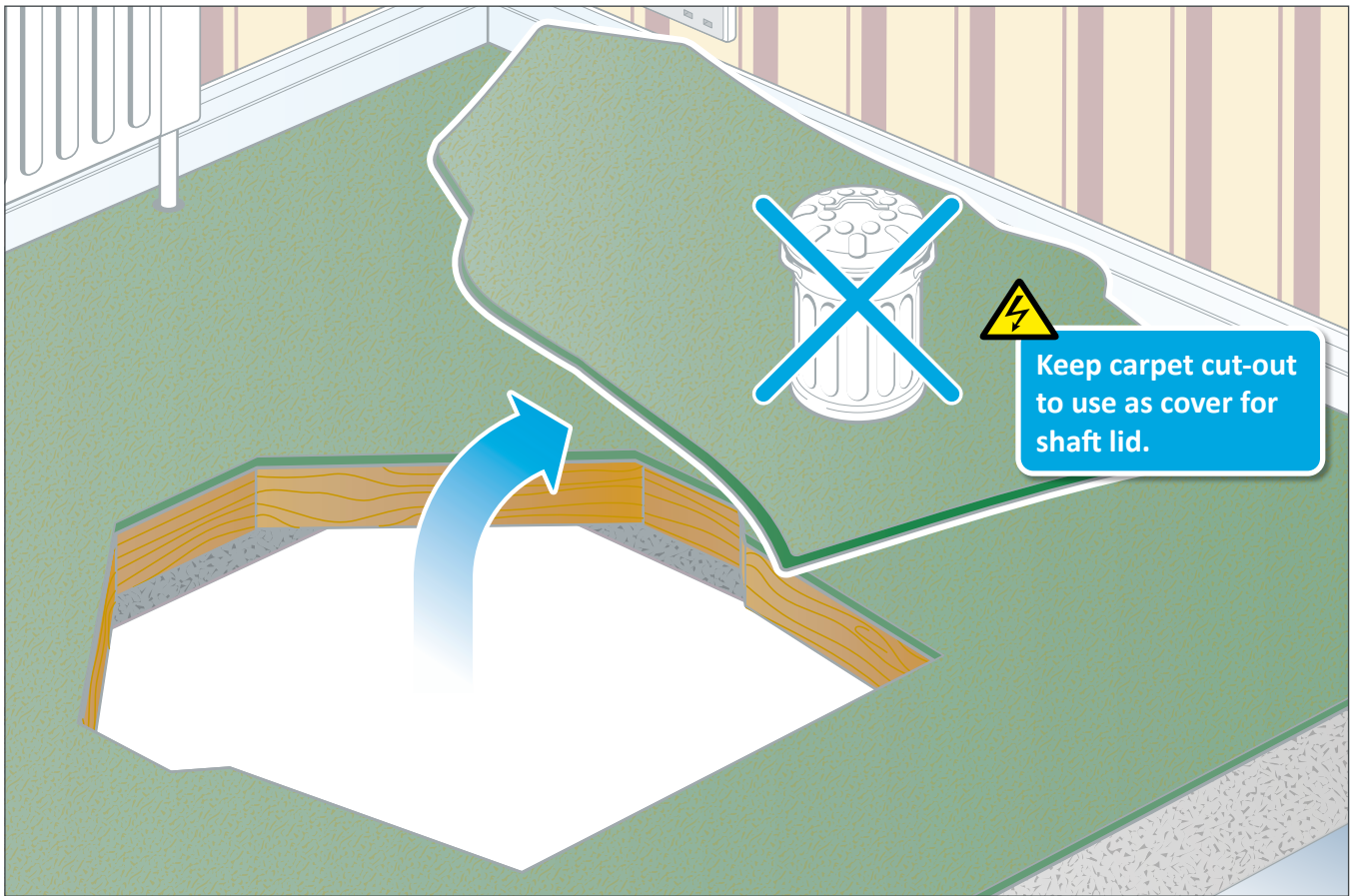
Stretch and re-fit carpet



Feel for edges and cut carpet for aperture



Remove and retain carpet cut-out

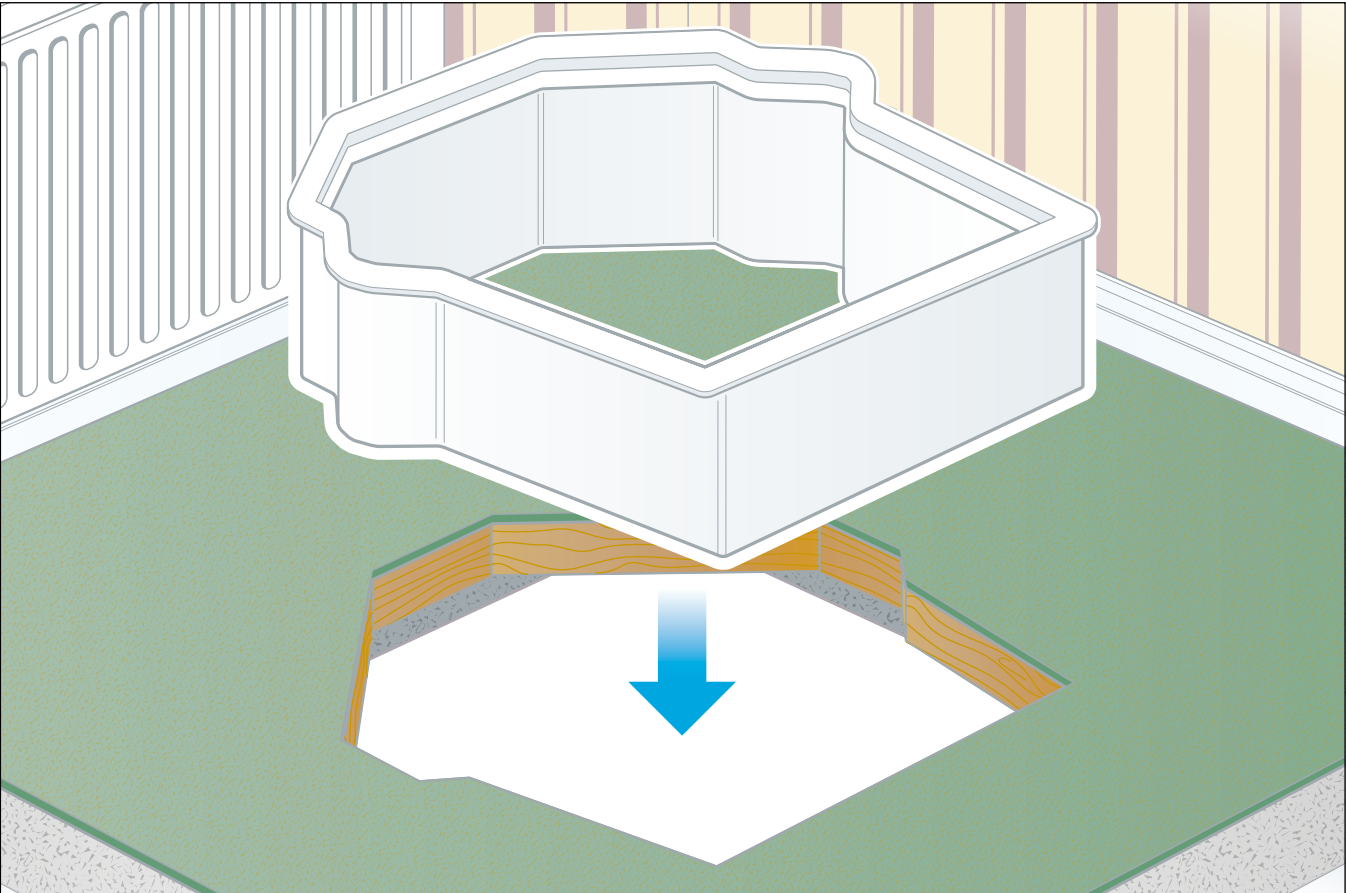


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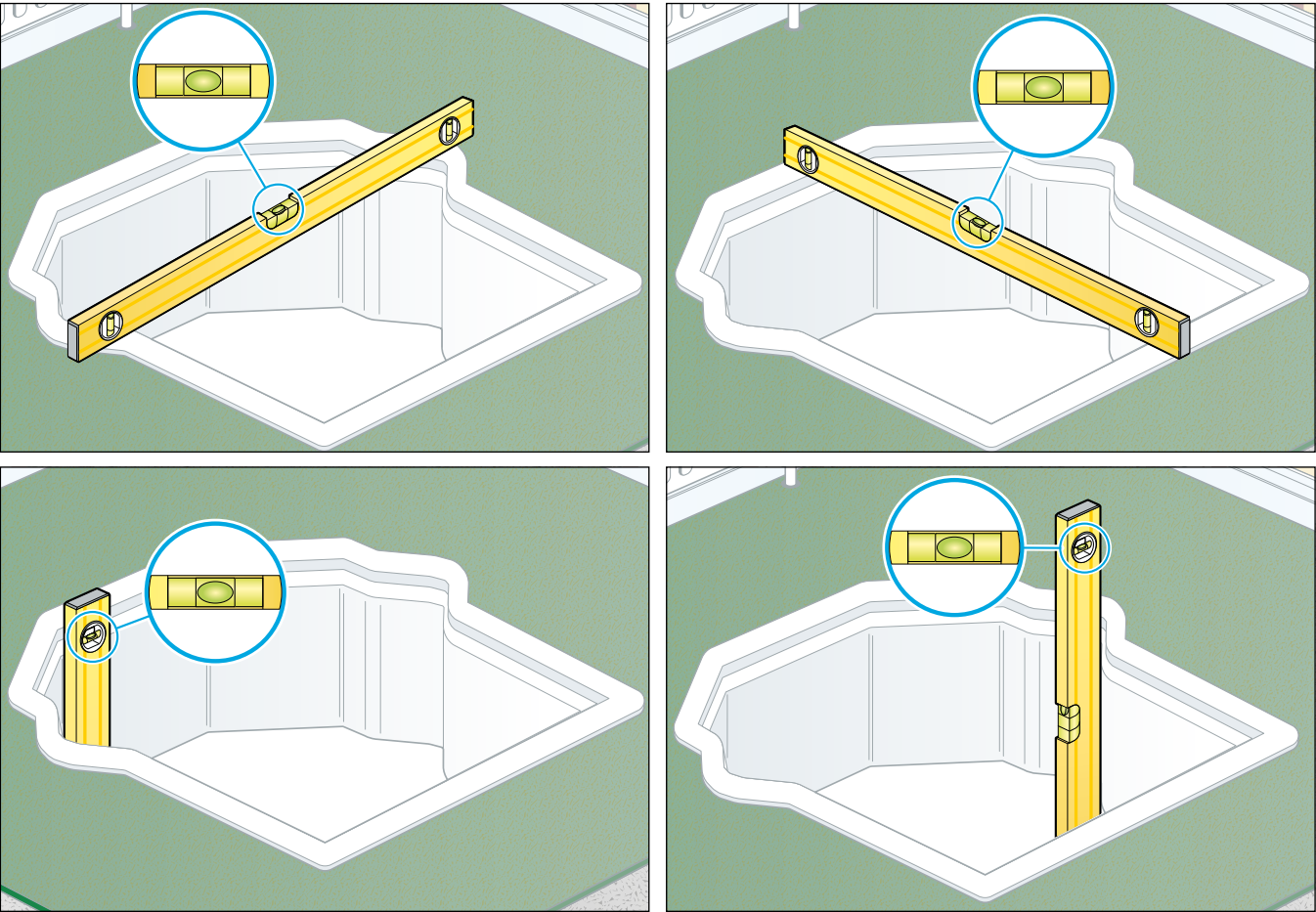
Method 1 - Installing Insert in a Concrete Floor

Place insert into aperture.....	40
Check insert is level	40
Mark insert ready for cutting.....	41
Cut insert, discard off-cut for recycling	41
Install ceiling trim flange	42
Clamp floor insert and ceiling trim flange.....	42
Fix ceiling trim flange to floor insert	43
Fit carpet to shaft lid.....	43
Place shaft lid into floor insert.....	44

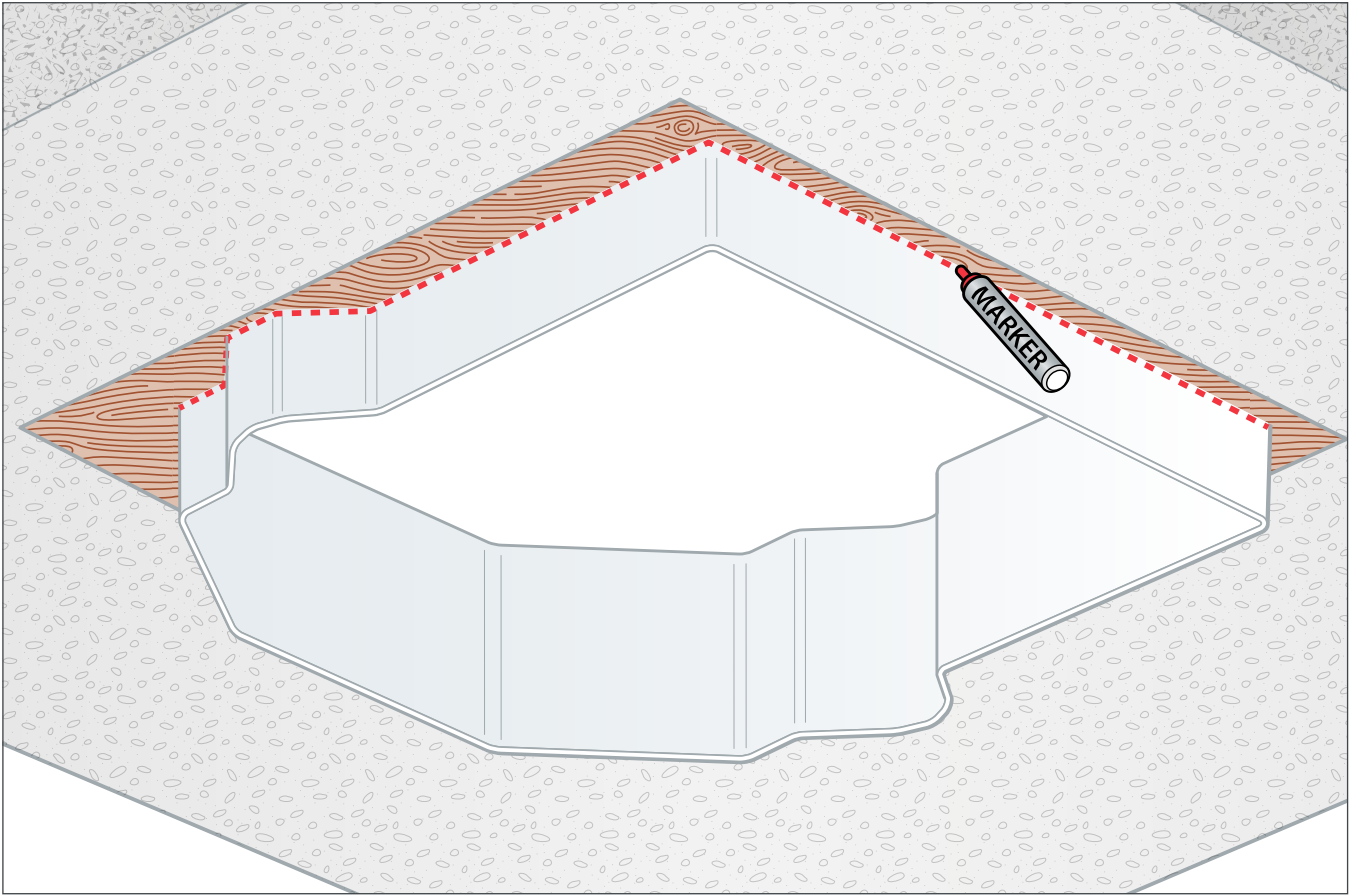
Place insert into aperture



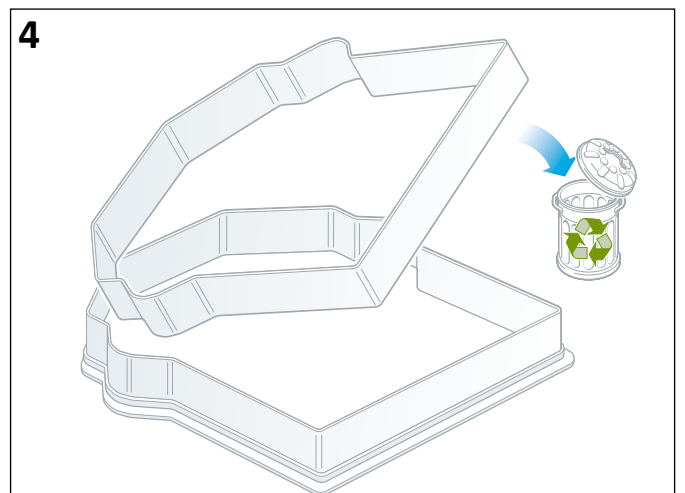
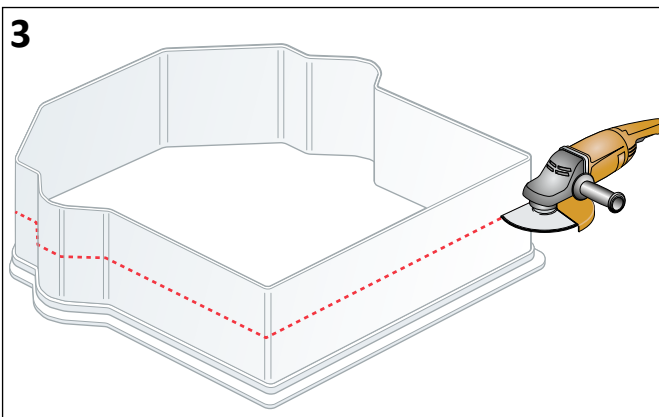
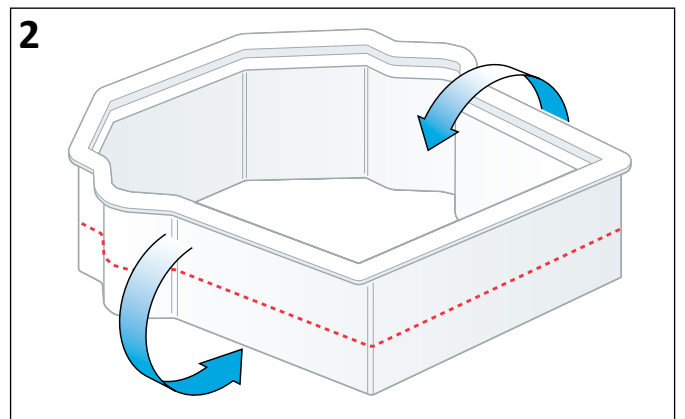
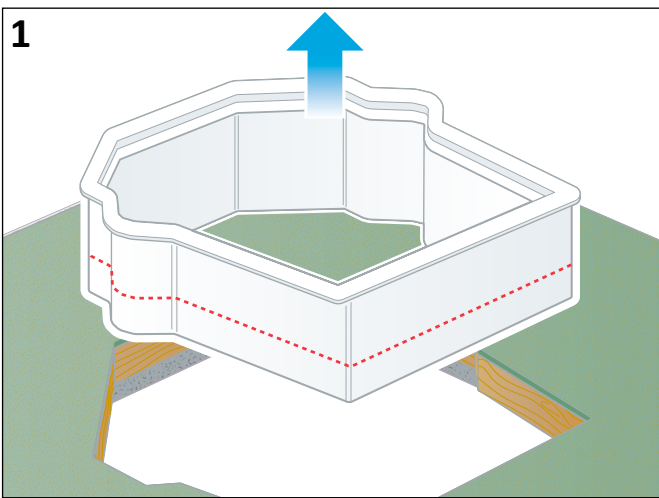
Check insert is level



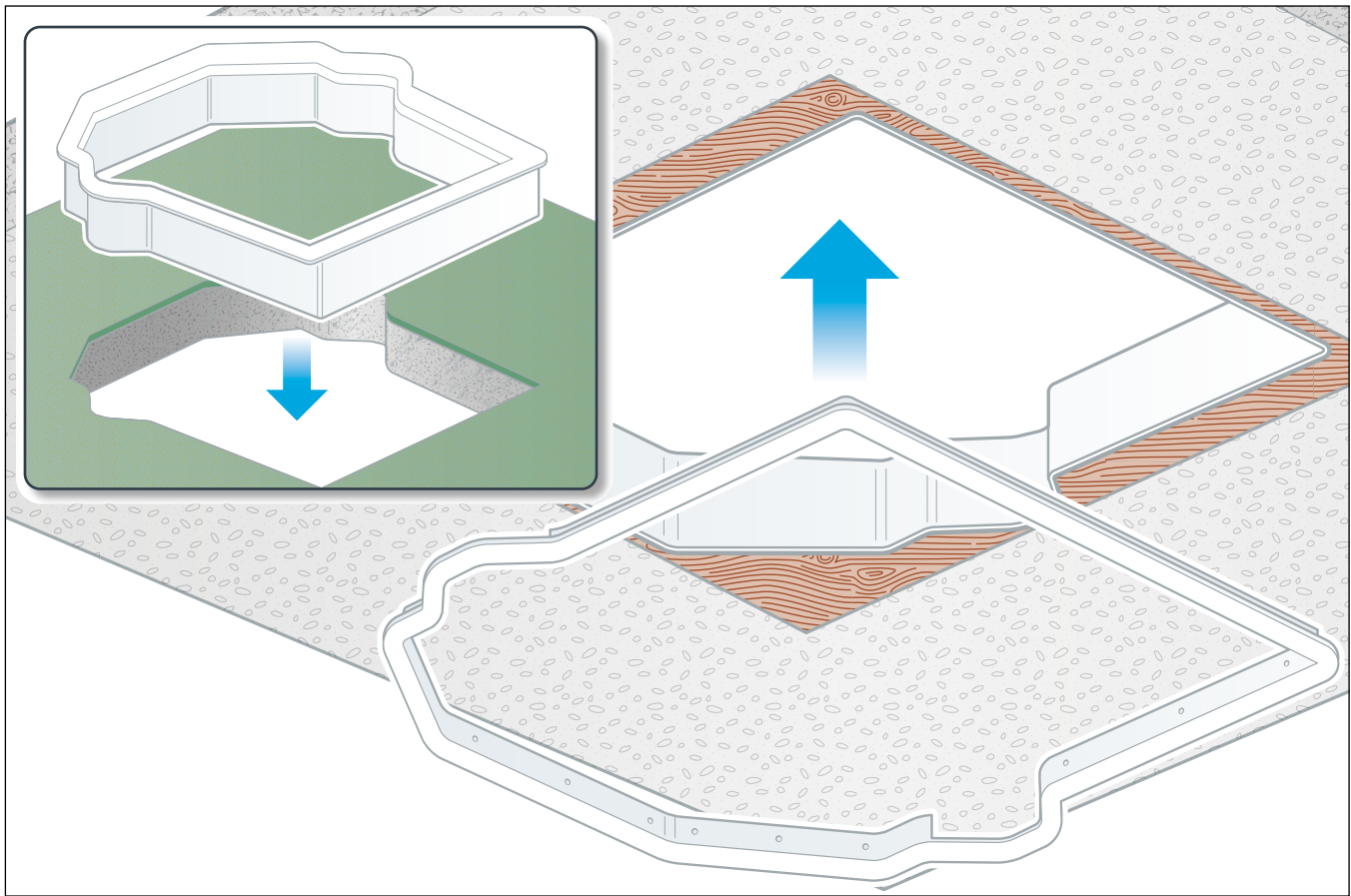
Mark insert ready for cutting



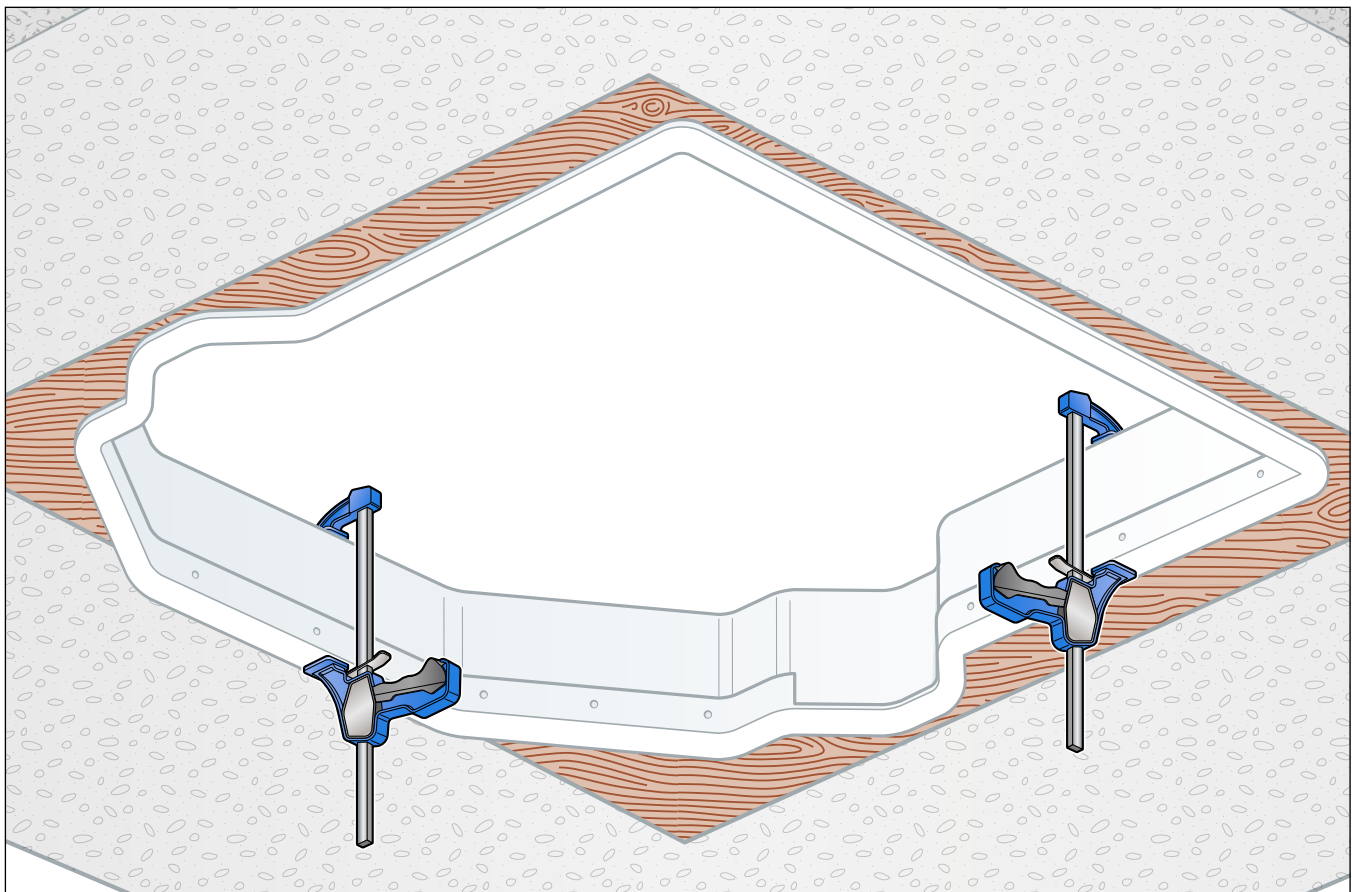
Cut insert, discard off-cut for recycling



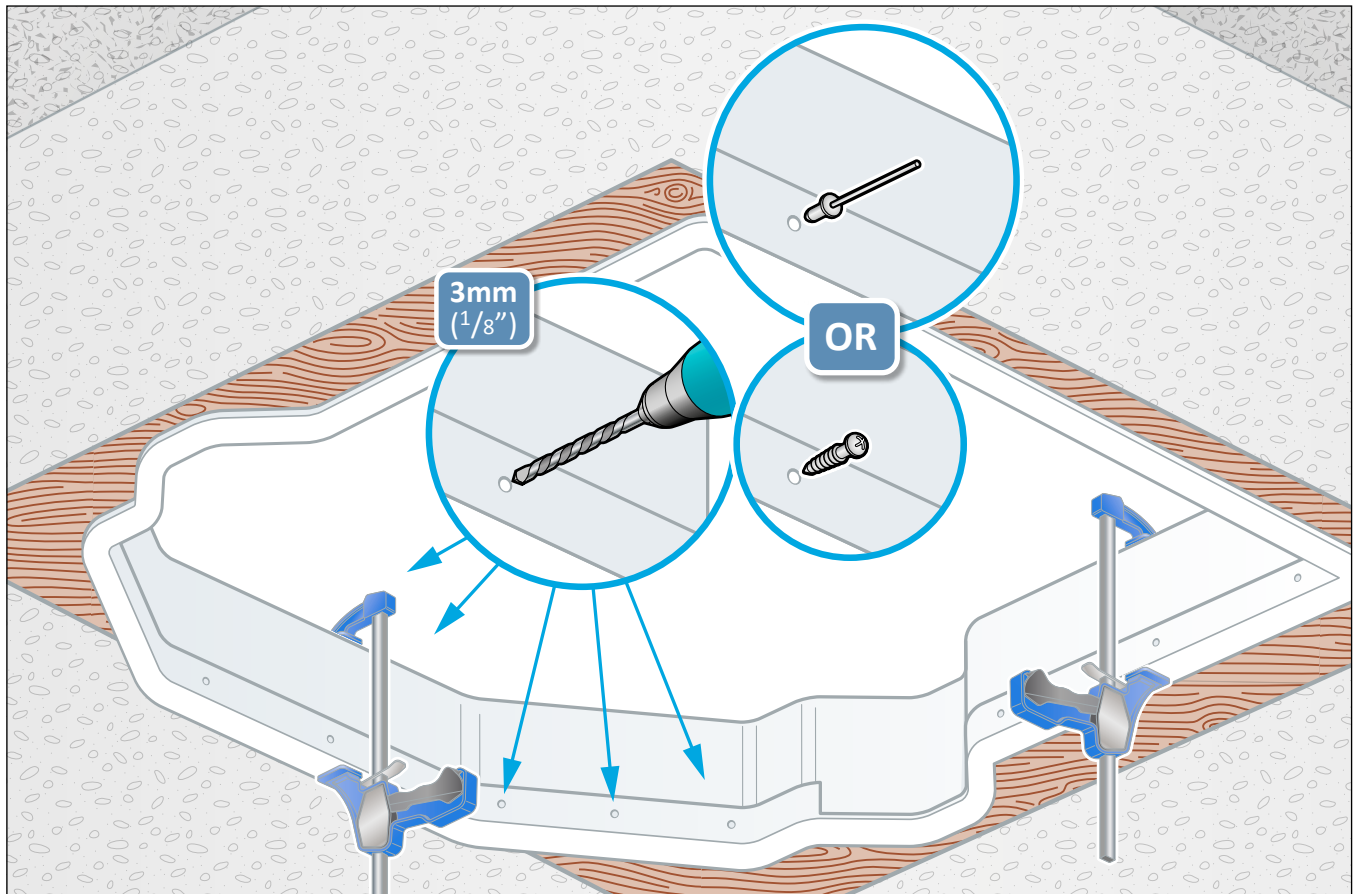
Install ceiling trim flange



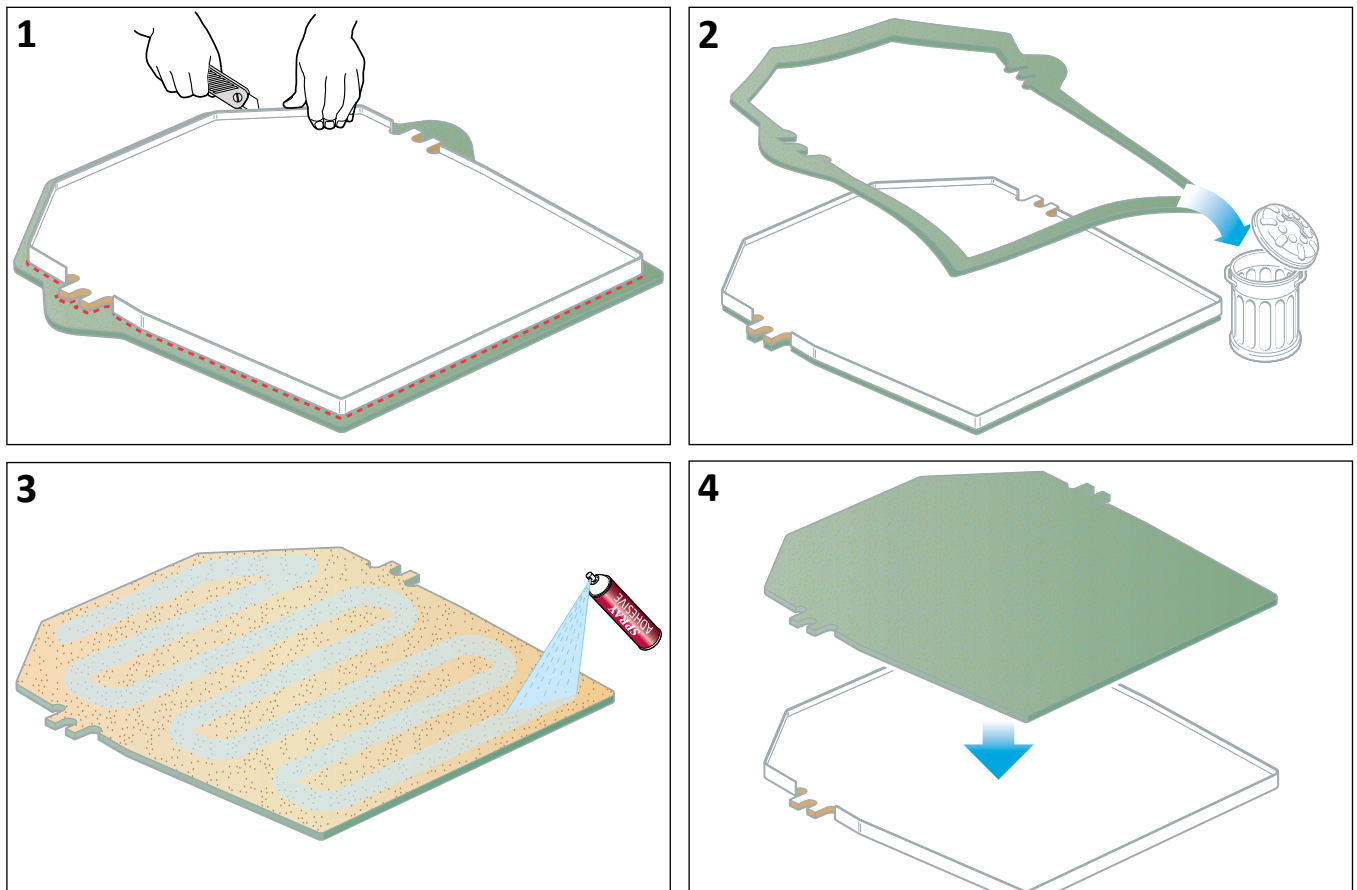
Clamp floor insert and ceiling trim flange



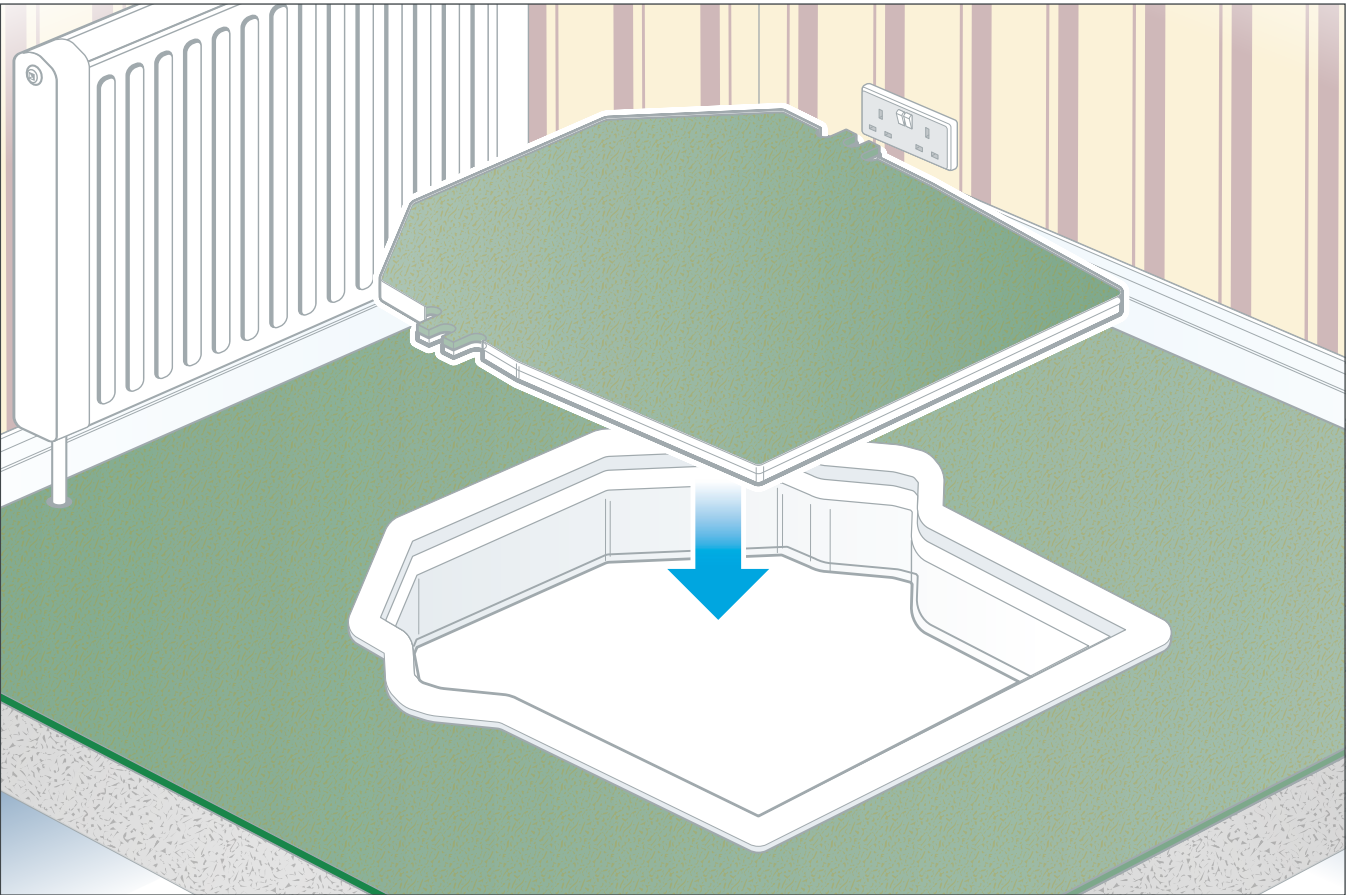
Fix ceiling trim flange to floor insert



Fit carpet to shaft lid



Place shaft lid into floor insert

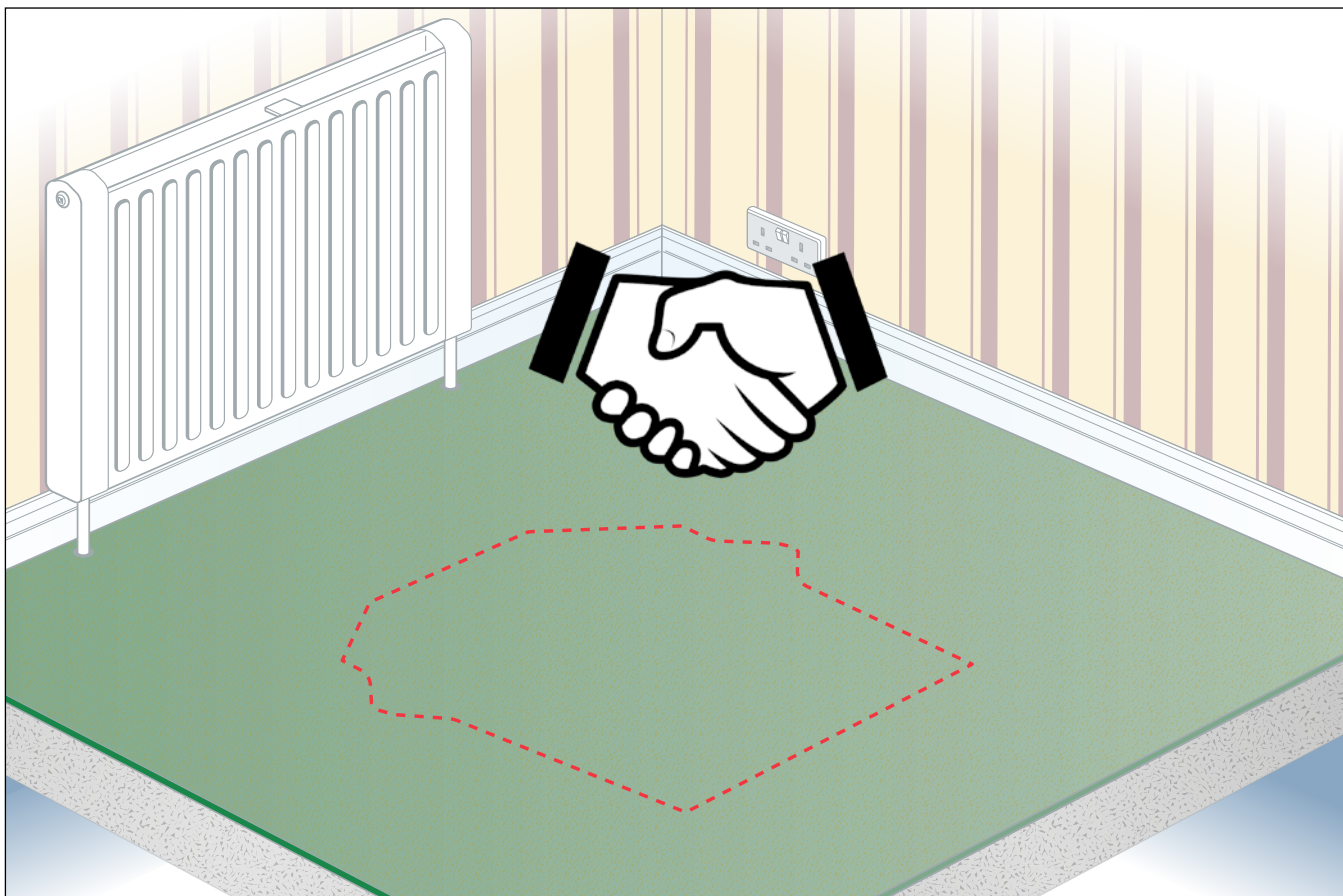


SECTION 5:

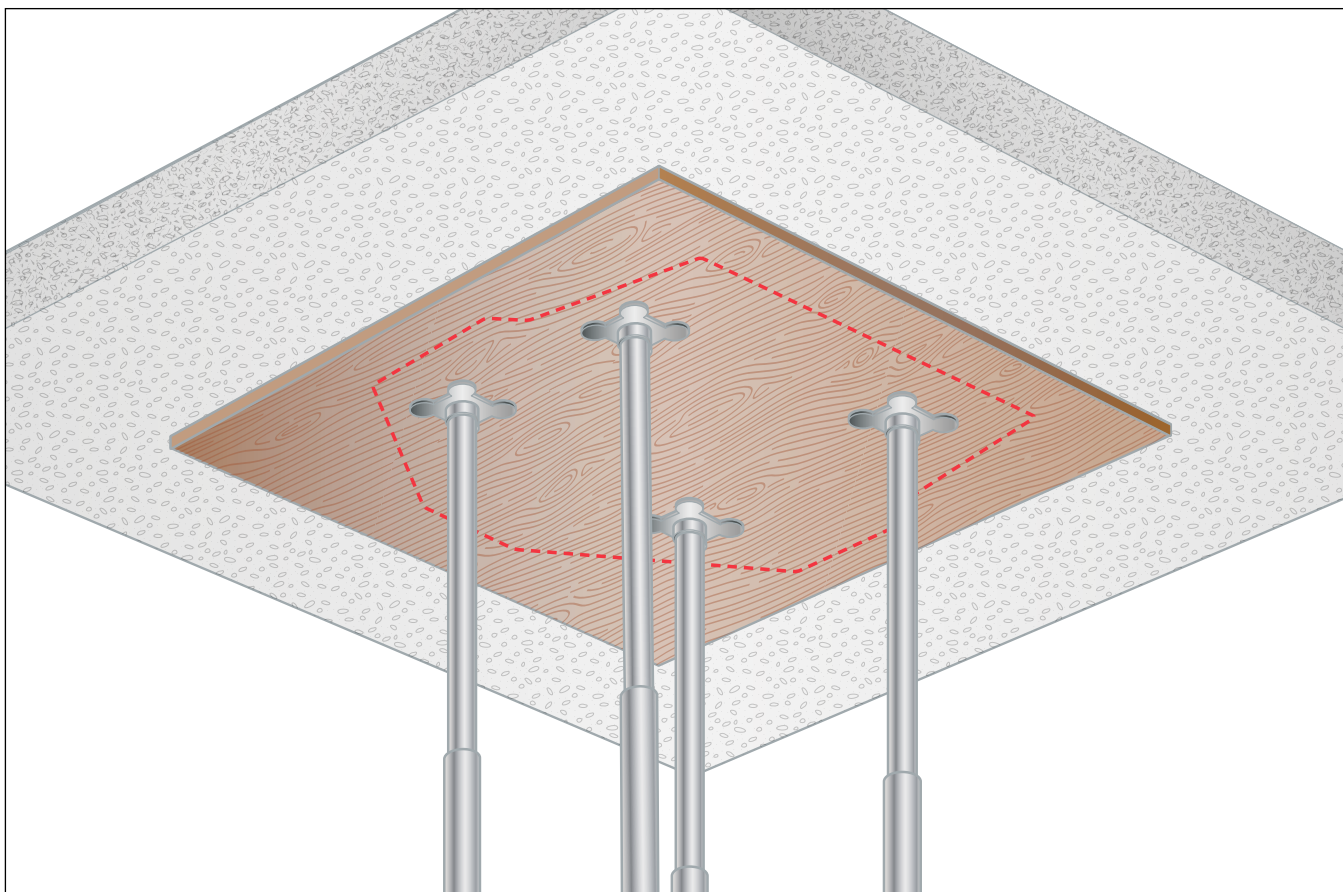
Method 2 - Aperture Preparation Poured Concrete Floor

Agree position of lift with customer.....	46
Support ceiling with Acrow props	46
Roll back carpet	47
Mark aperture.....	47
Core drill perimeter with small core bit	48
Core drill and chisel off high points.....	48
Remove props and check that insert fits.....	49
Re-lay carpet	49
Stretch and re-fit carpet	50
Feel for edges and cut carpet for aperture	50
Remove and retain carpet cut-out	51

Agree position of lift with customer



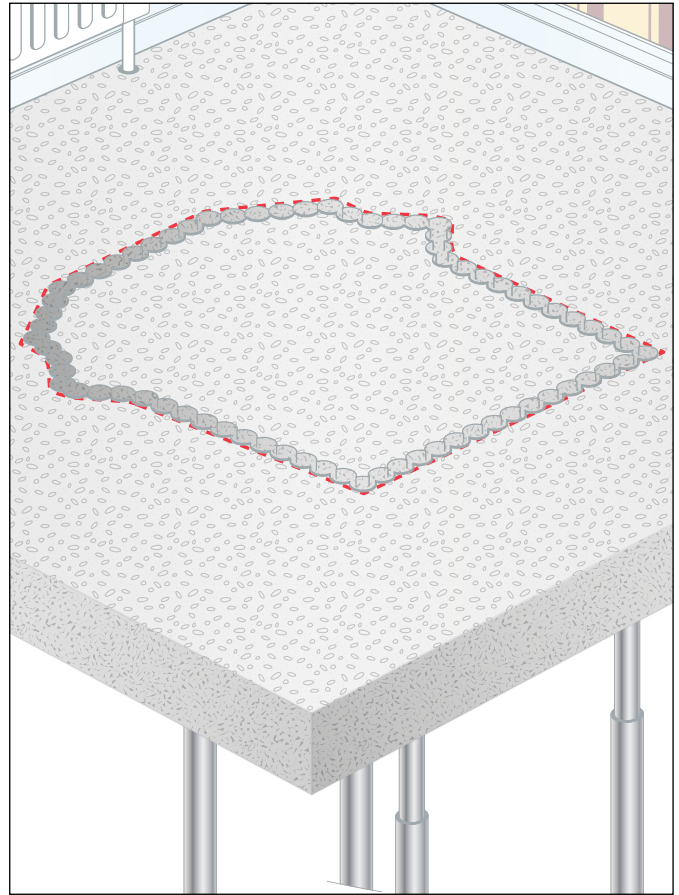
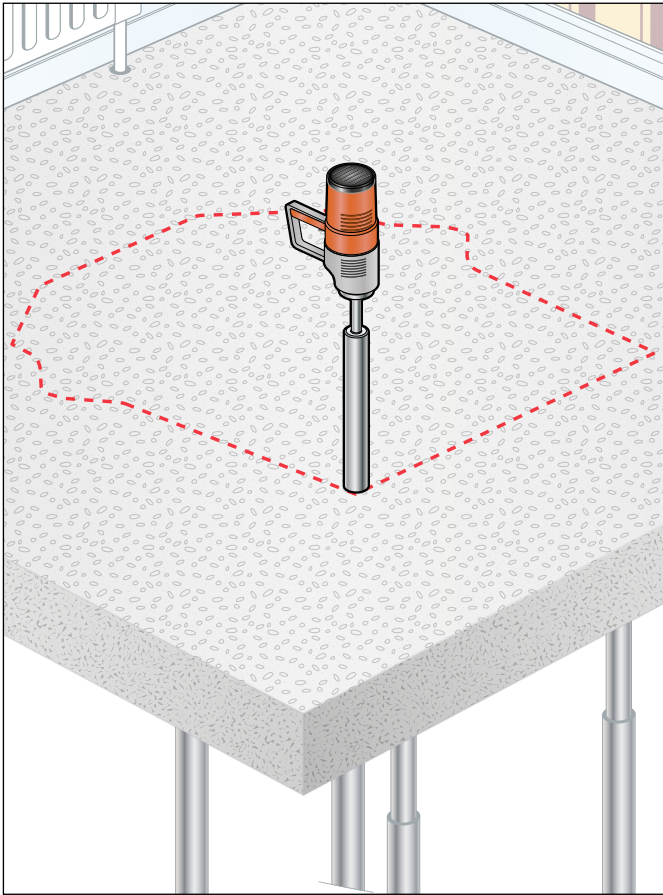
Support ceiling with Acrow props



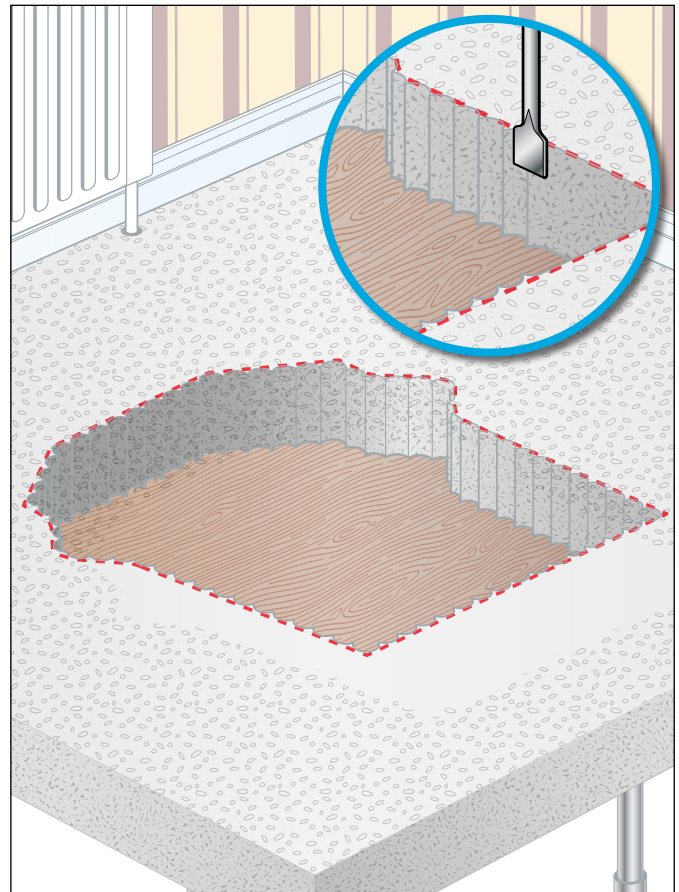
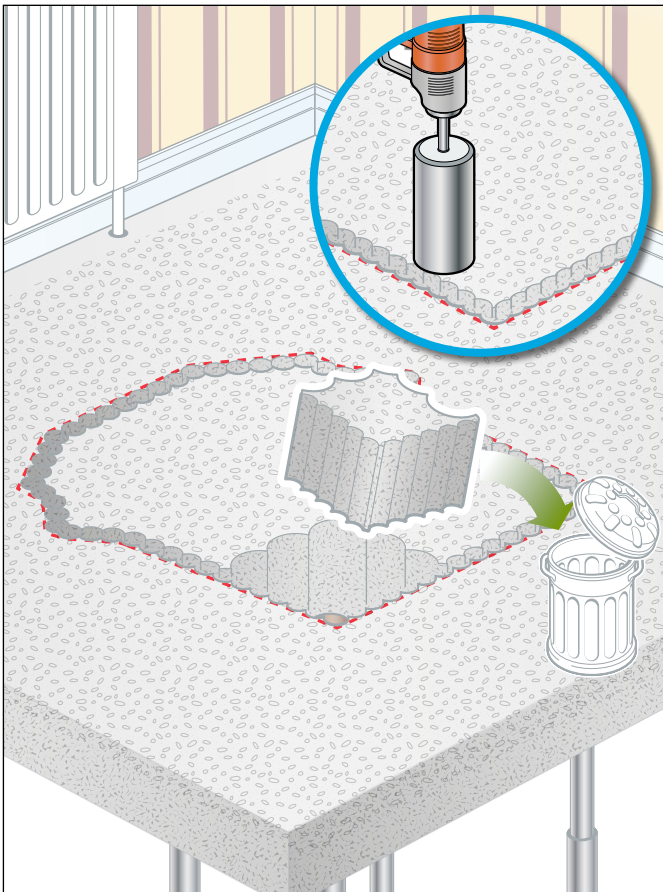




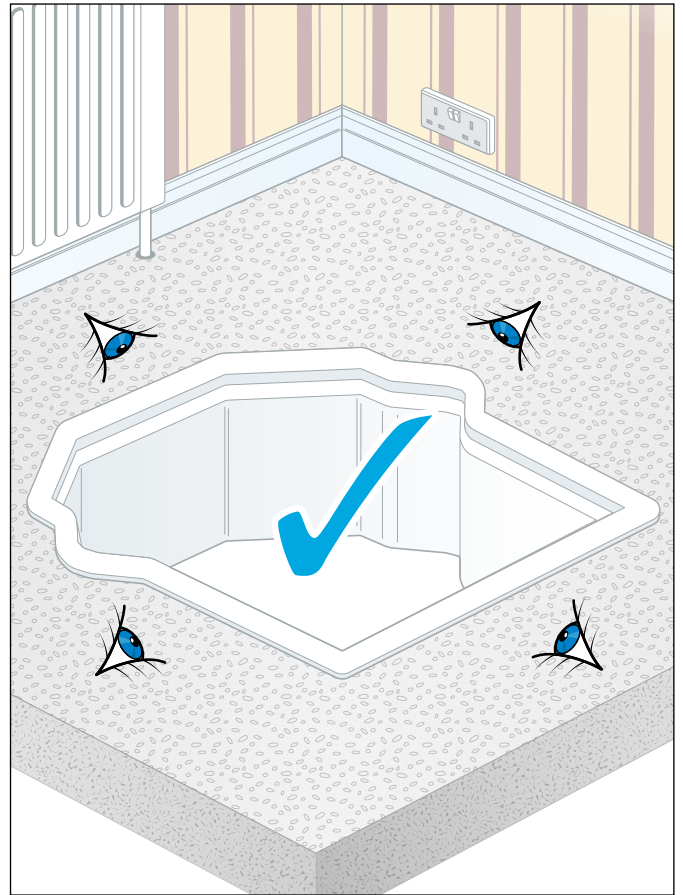
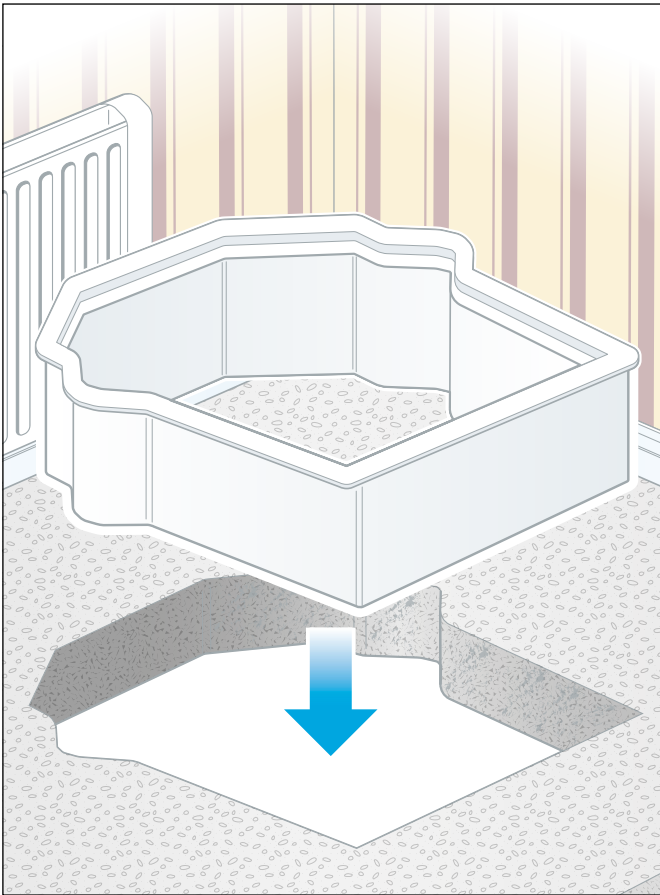
Core drill perimeter with small core bit



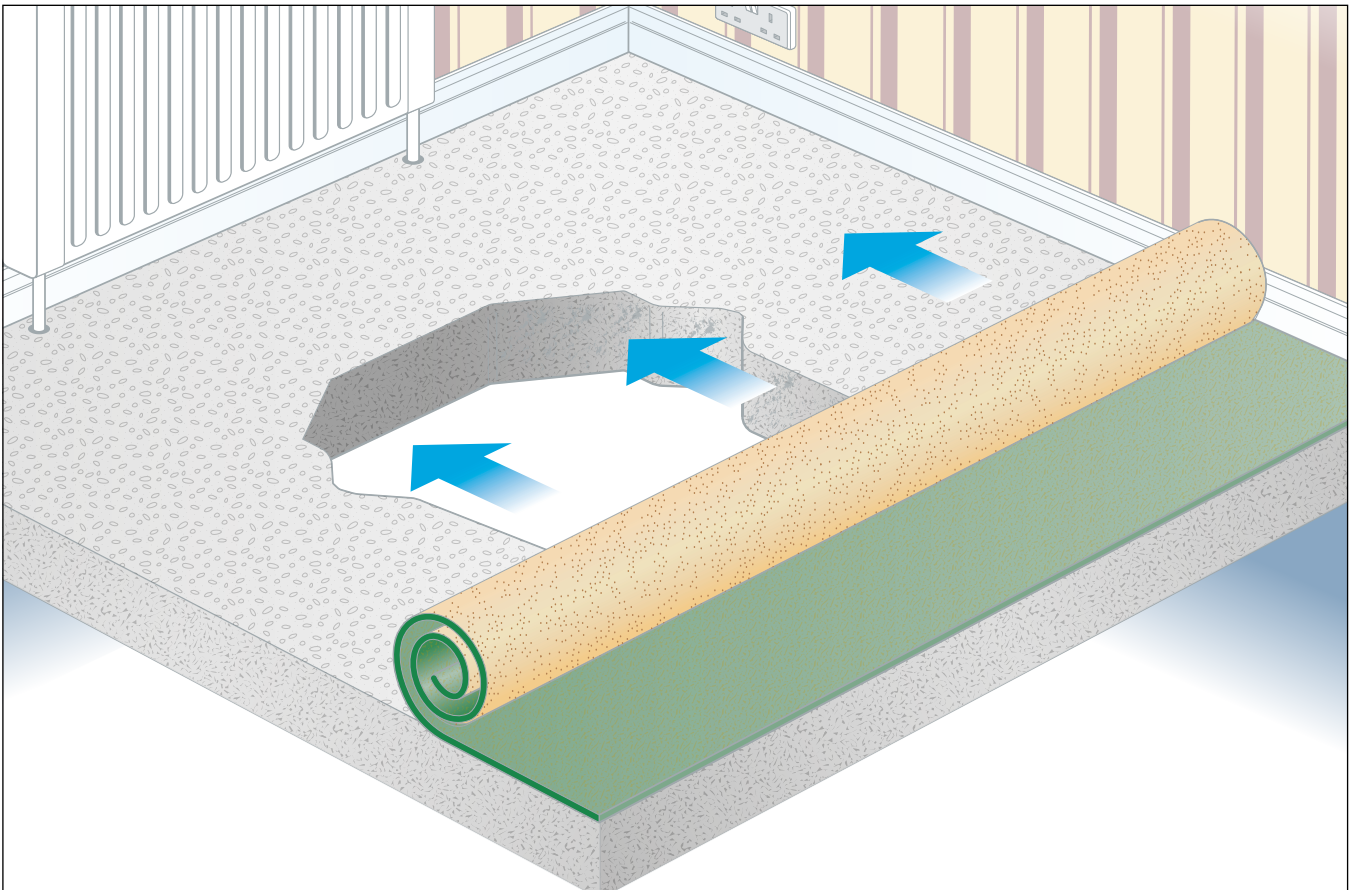
Core drill and chisel off high points



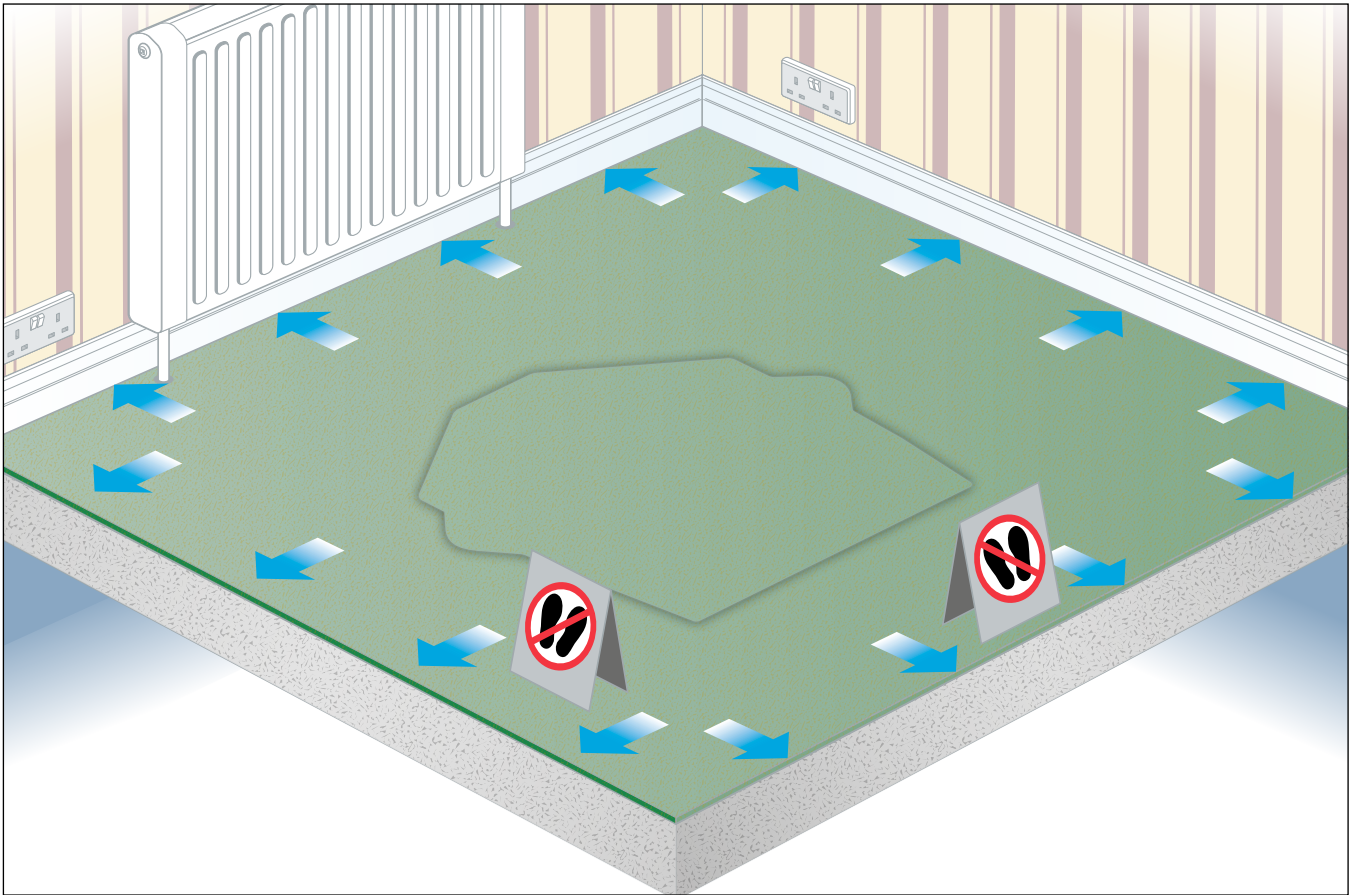
Remove props and check that insert fits



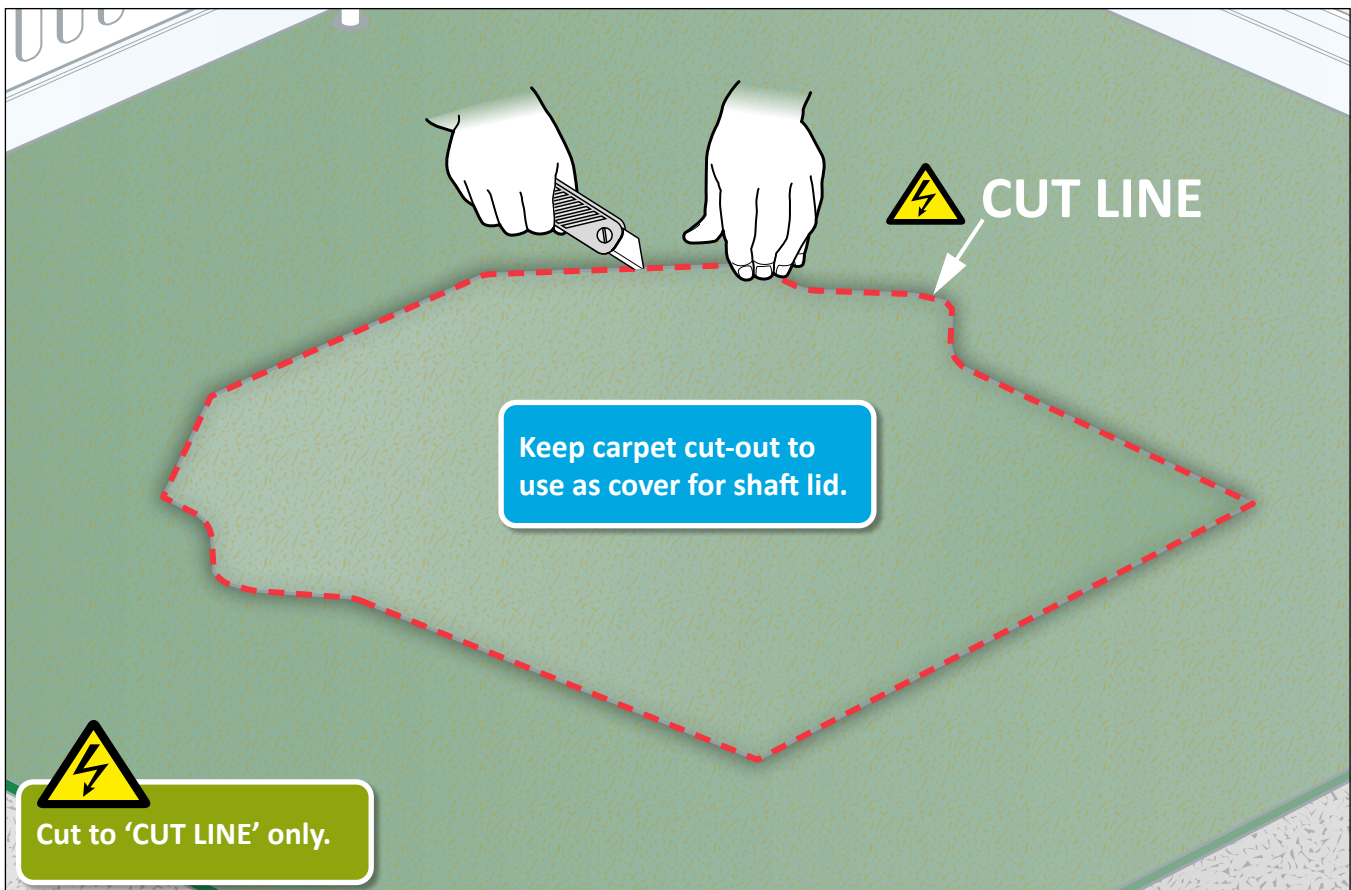
Re-lay carpet



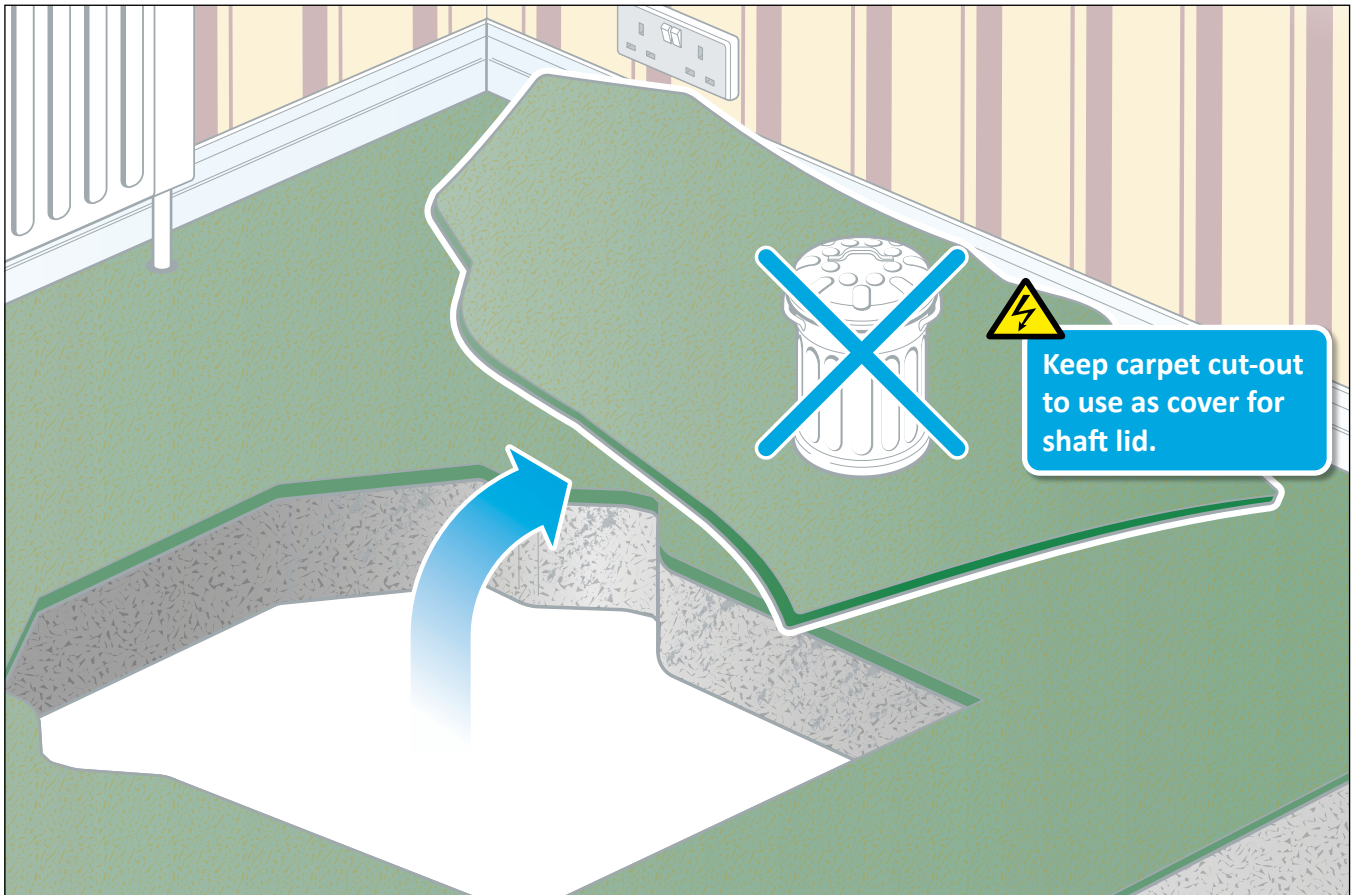
Stretch and re-fit carpet



Feel for edges and cut carpet for aperture



Remove and retain carpet cut-out

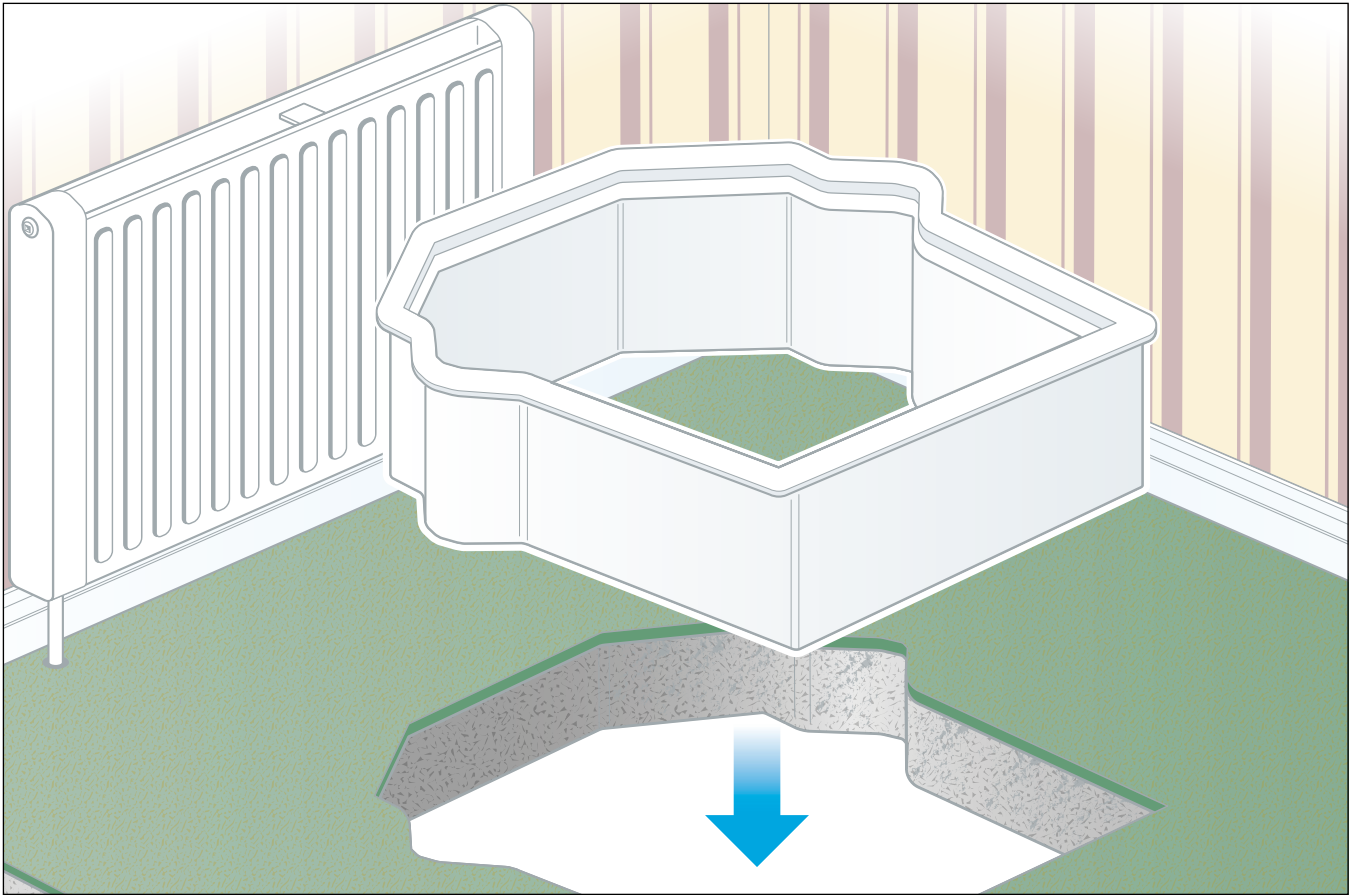


SECTION 6:

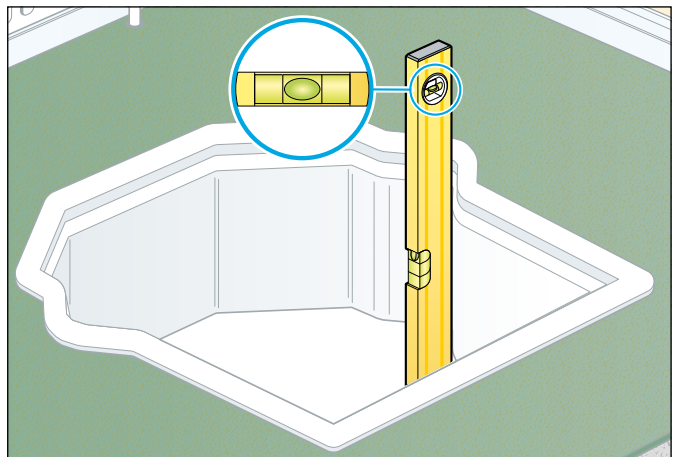
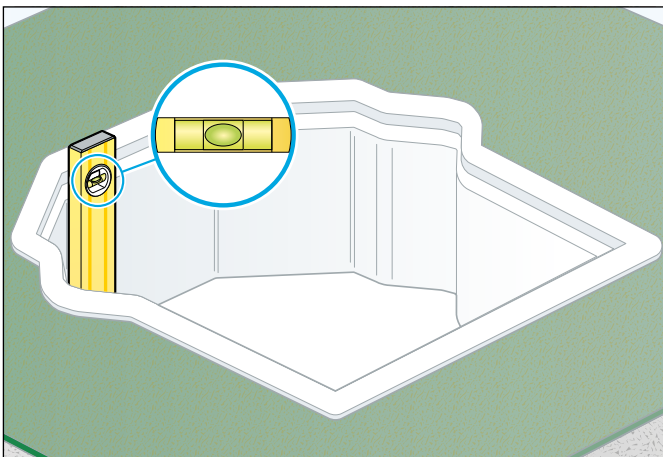
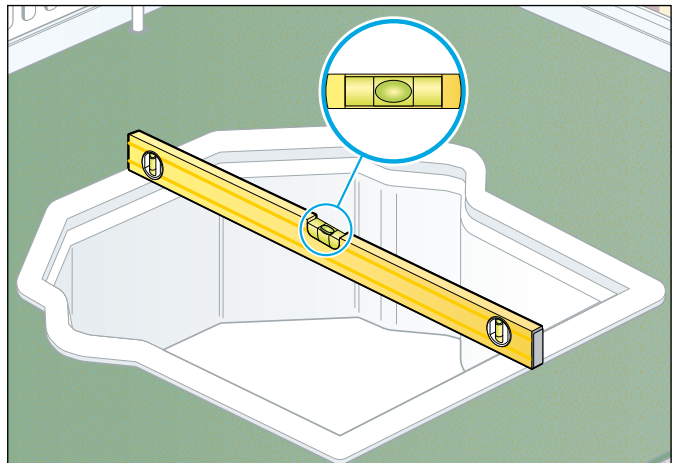
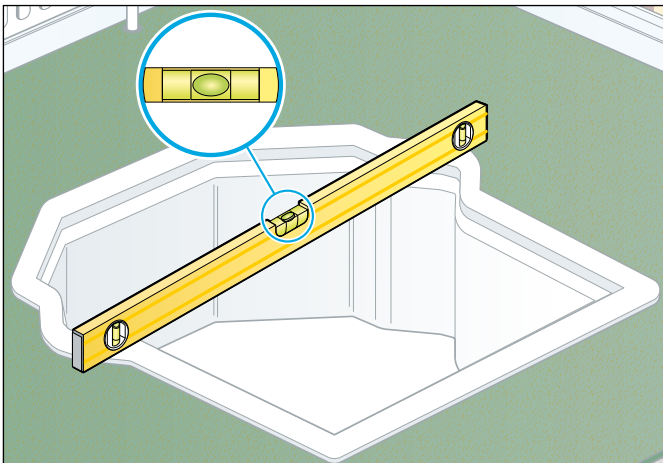
Method 2 - Installing Insert in a Concrete Floor

Fit floor insert	54
Check insert is level	54
Mark insert ready for cutting.....	55
Cut insert, discard off-cut for recycling	55
Fit floor insert	56
Install ceiling trim flange	56
Clamp floor insert and ceiling trim flange.....	57
Fix ceiling trim flange to floor insert	57
Fit carpet to shaft lid.....	58
Place shaft lid into floor insert.....	58

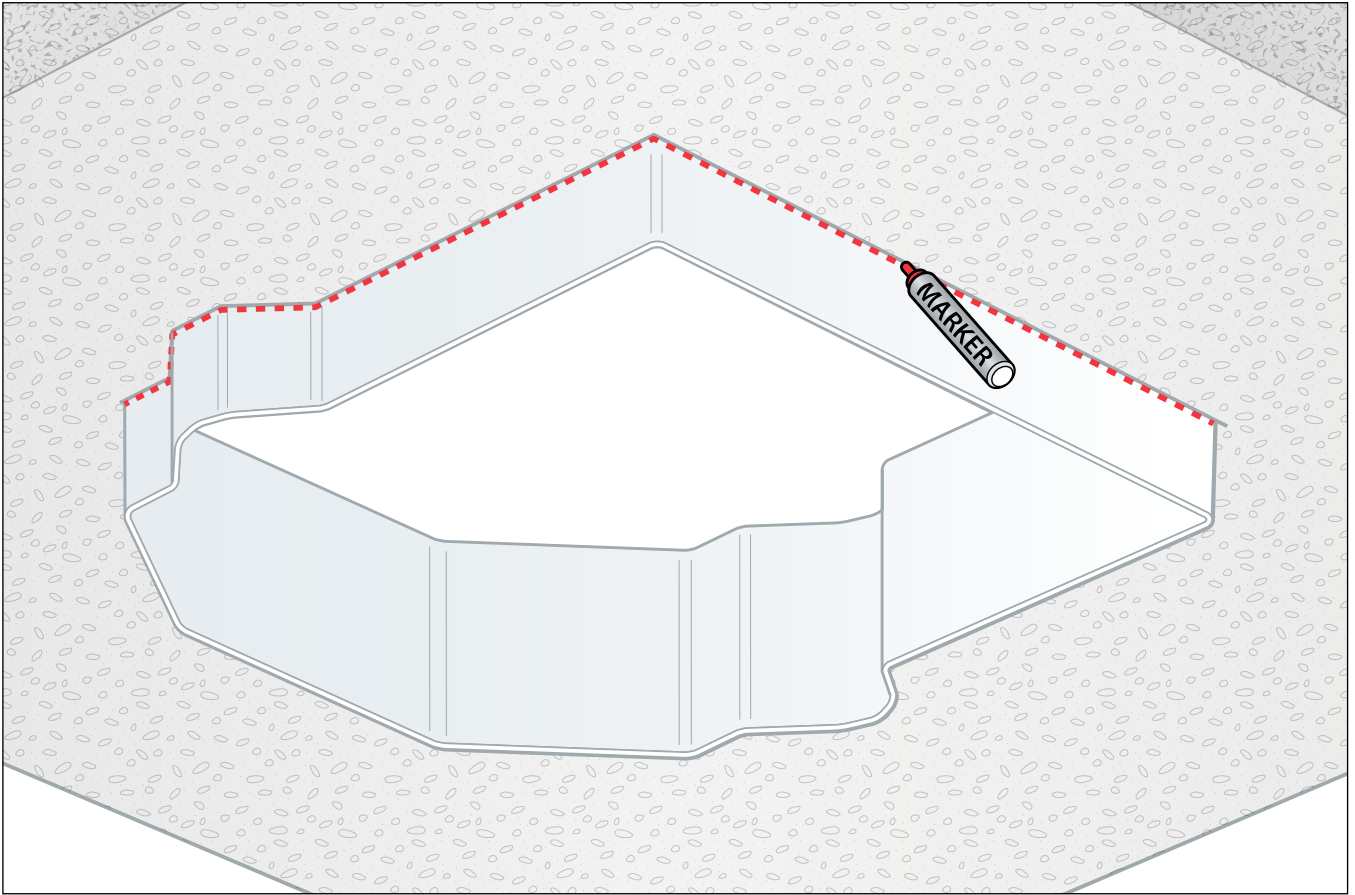
Fit floor insert



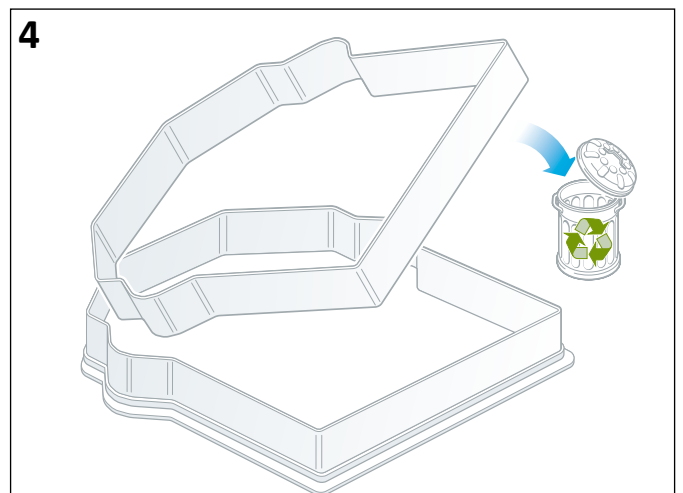
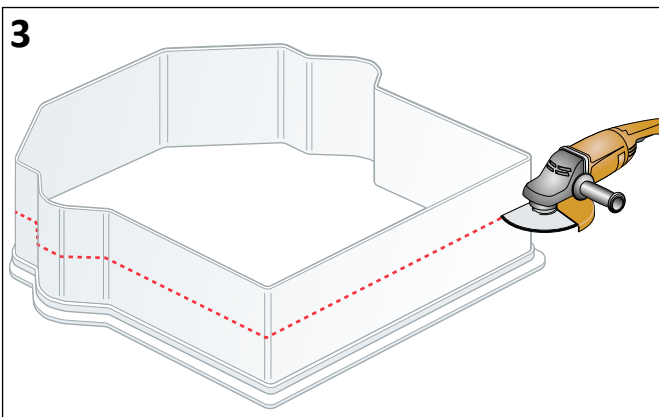
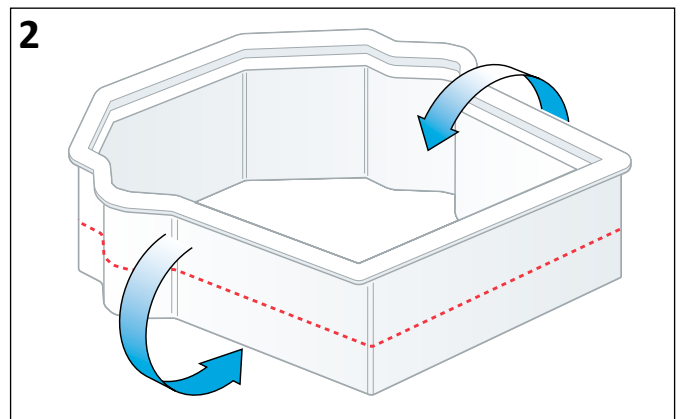
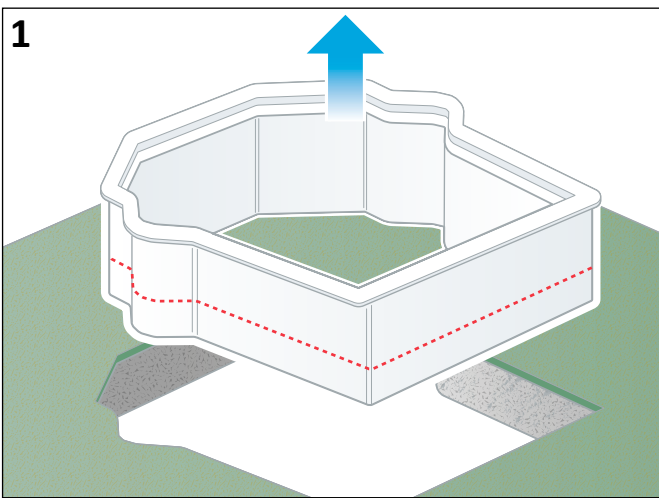
Check insert is level



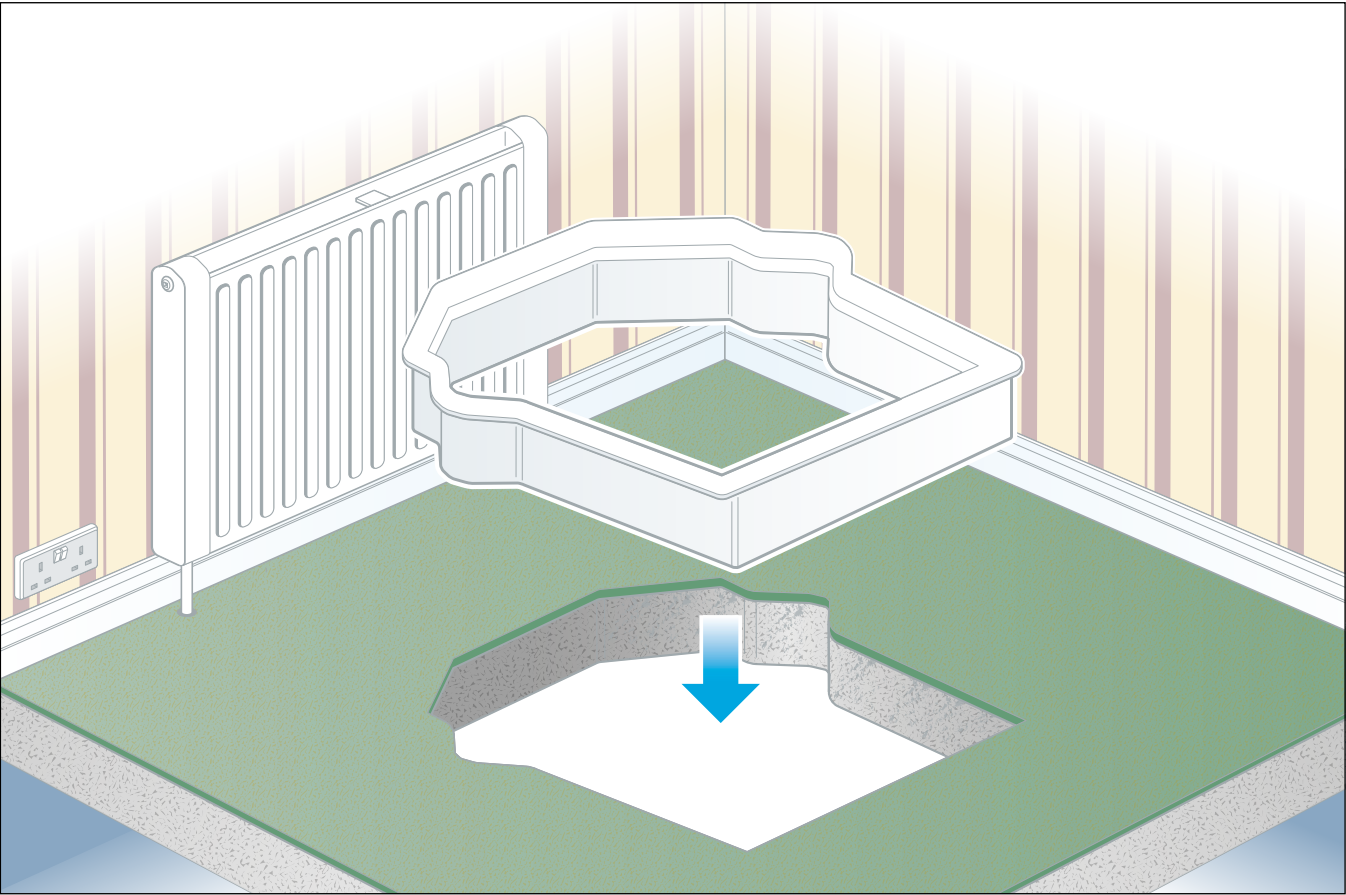
Mark insert ready for cutting



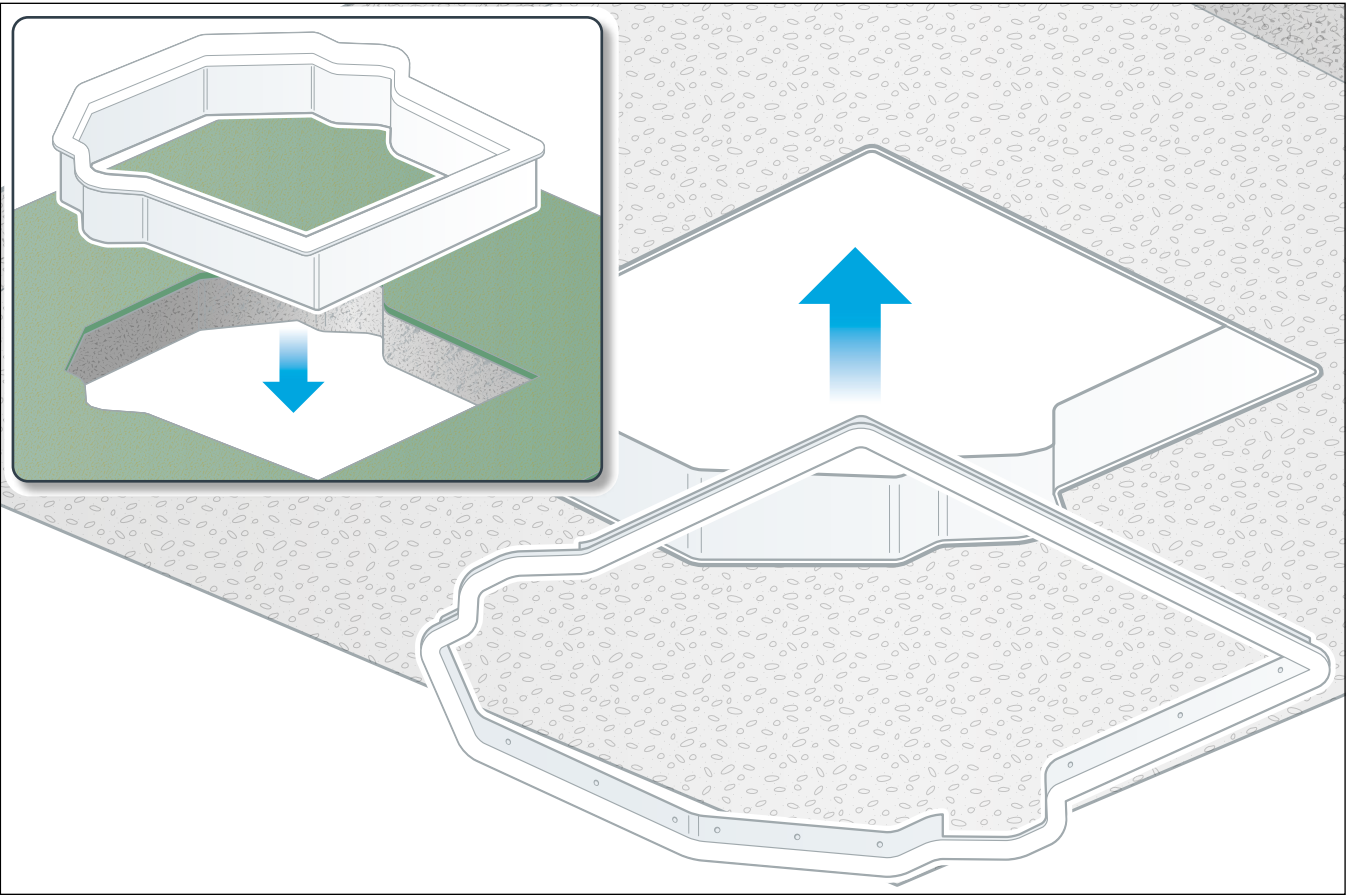
Cut insert, discard off-cut for recycling



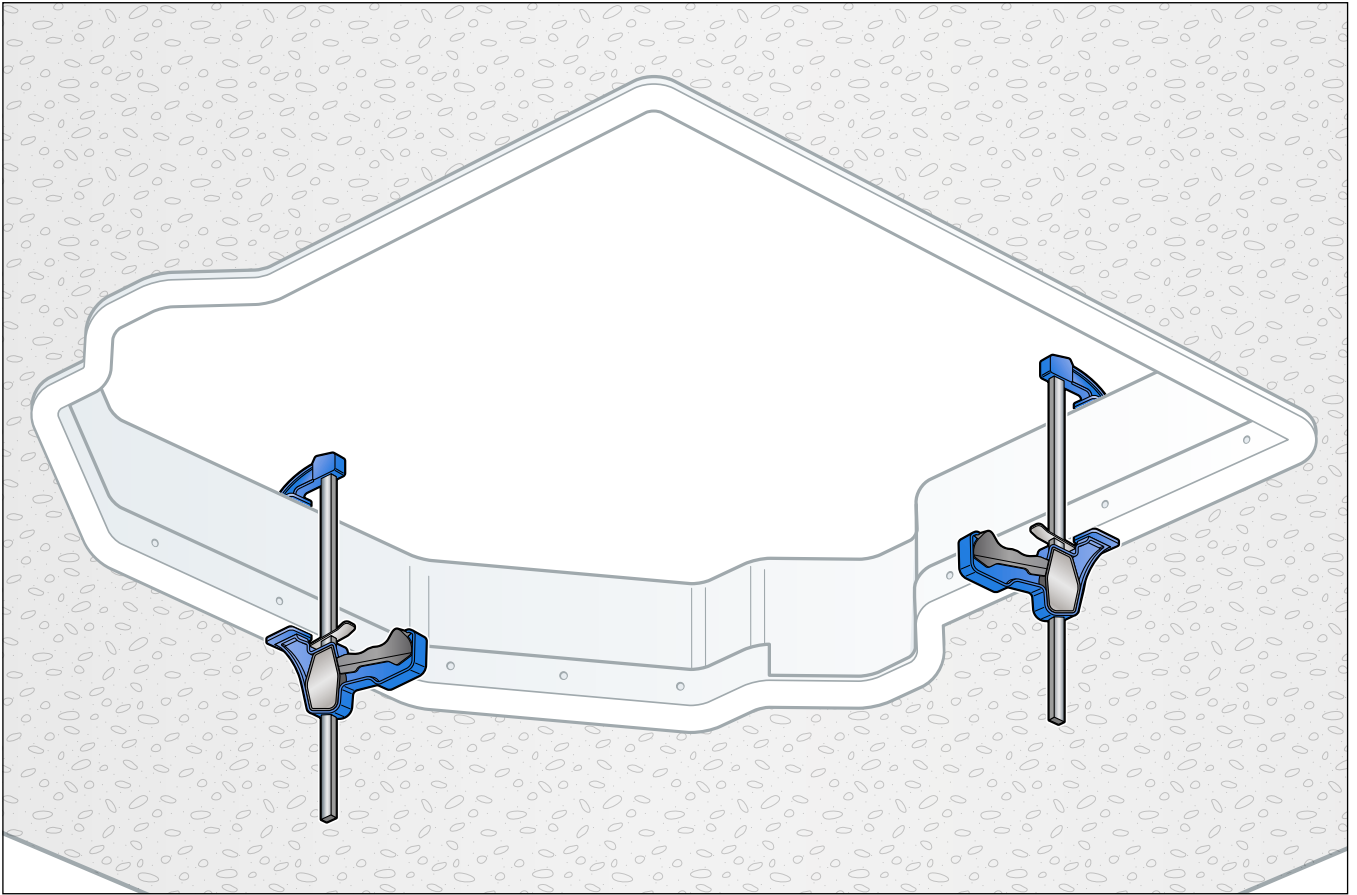
Fit floor insert



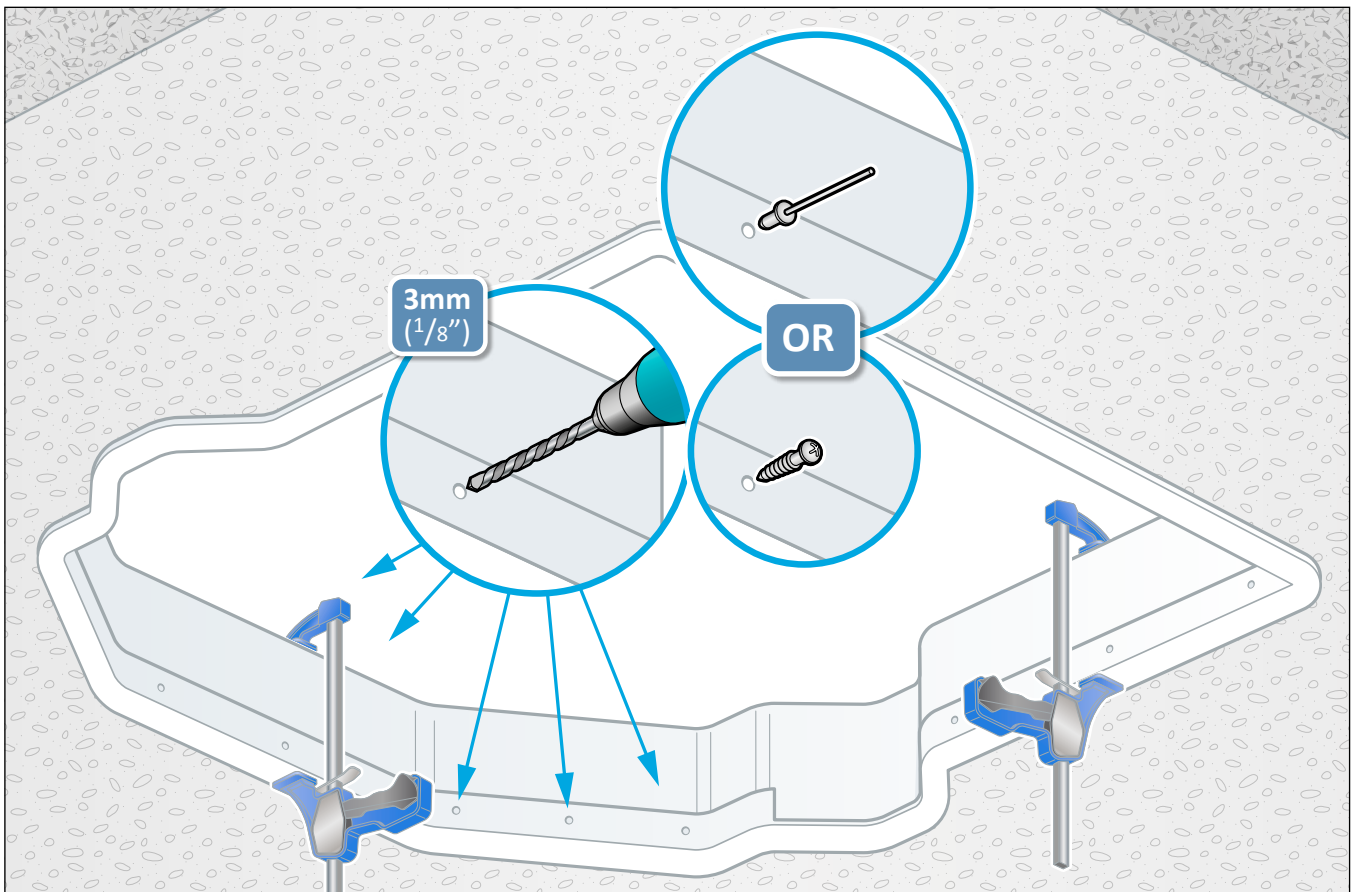
Install ceiling trim flange



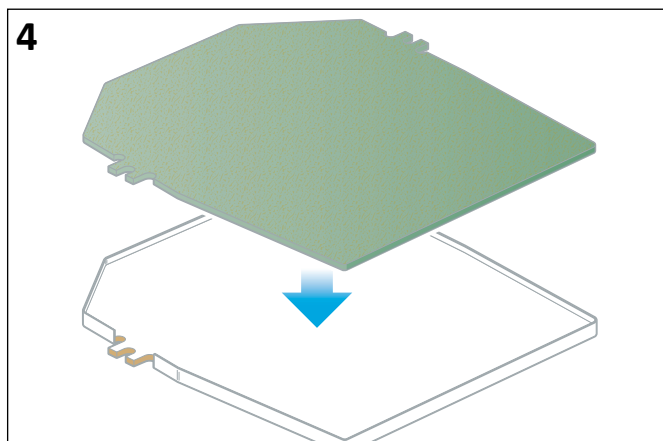
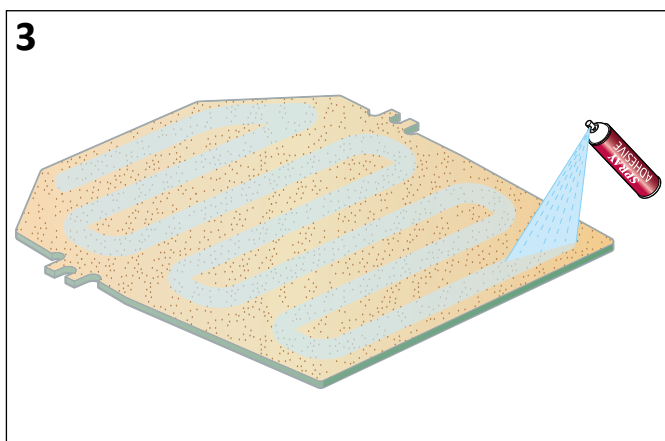
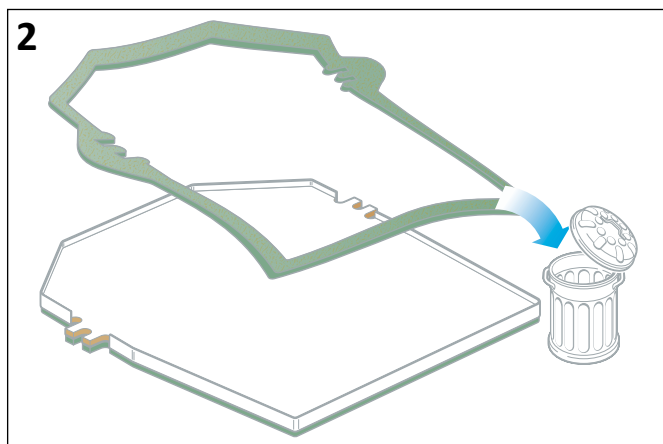
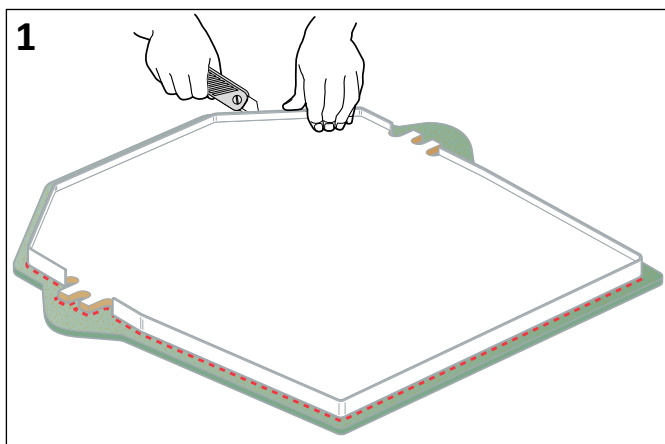
Clamp floor insert and ceiling trim flange



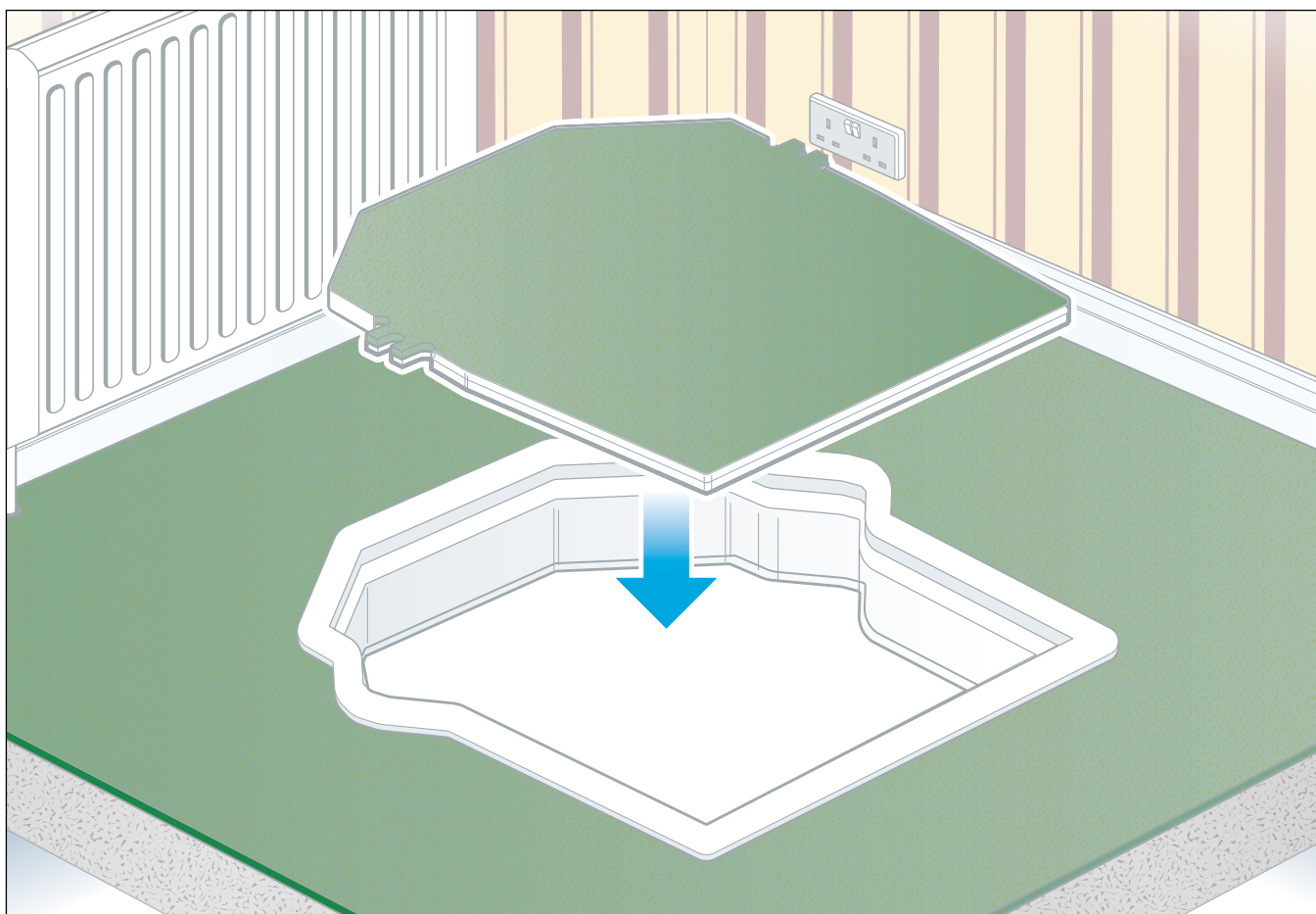
Fix ceiling trim flange to floor insert



Fit carpet to shaft lid



Place shaft lid into floor insert

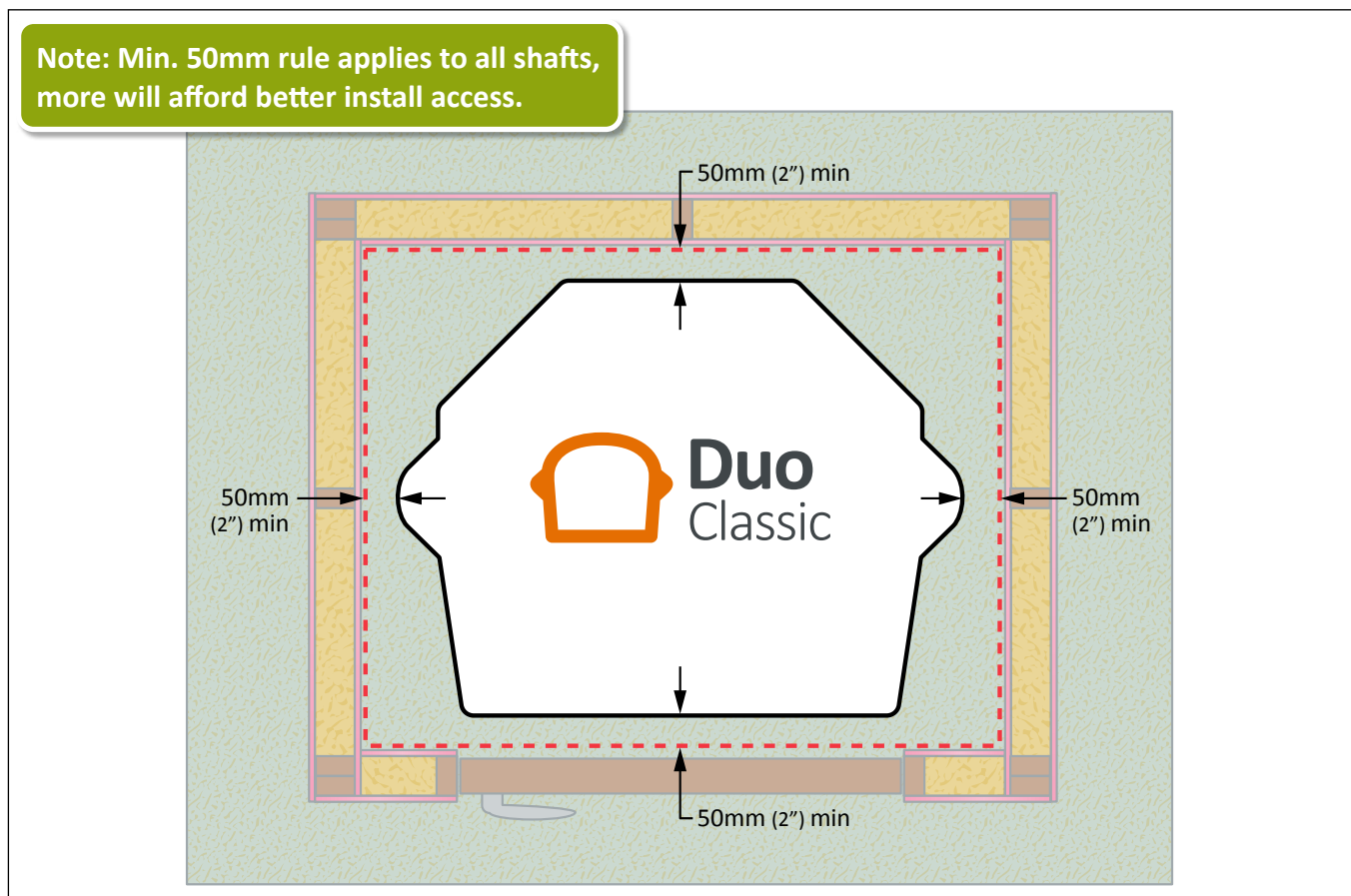


SECTION 7:

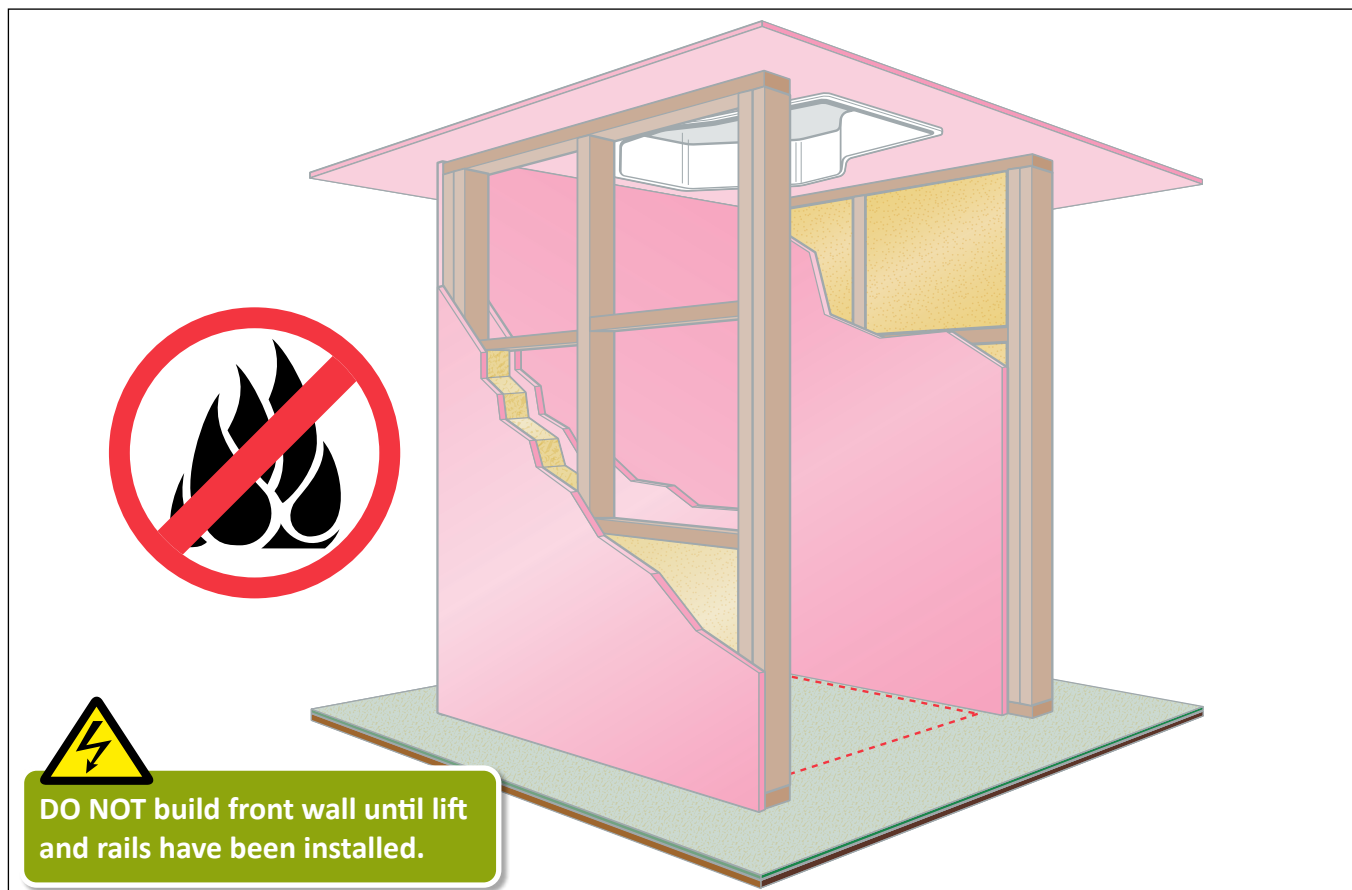
Installation in a Shaft

Marking minimum clearance around lift.....	60
Build 3 walls, insulate and cover with fire retardant plasterboard.....	60
Install guide rails, hoist and lift car	61
Build door jamb and frame, insulate and cover with fire retardant plasterboard	61
Fit fire door and inspection hatch	62

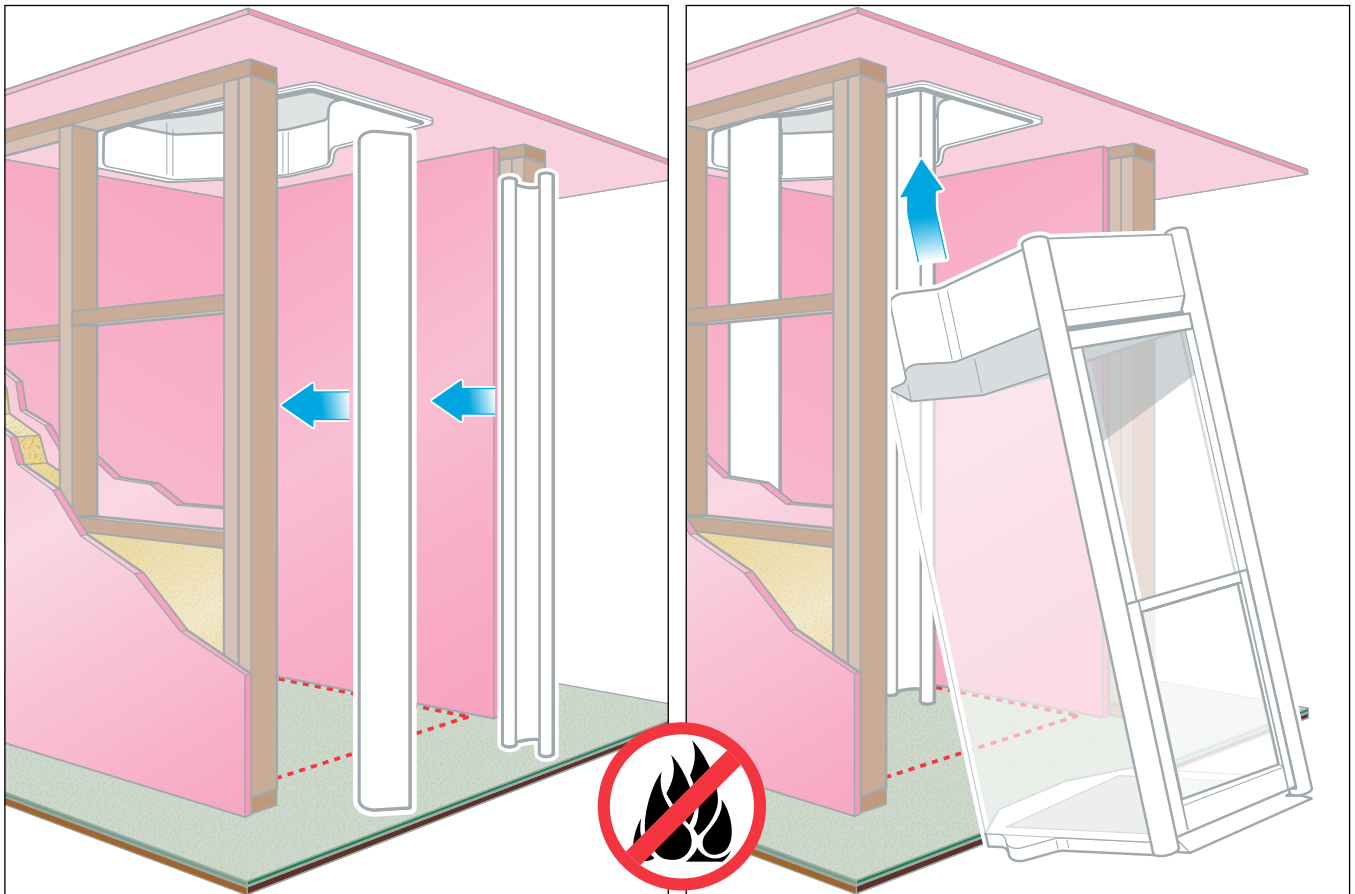
Marking minimum clearance around lift



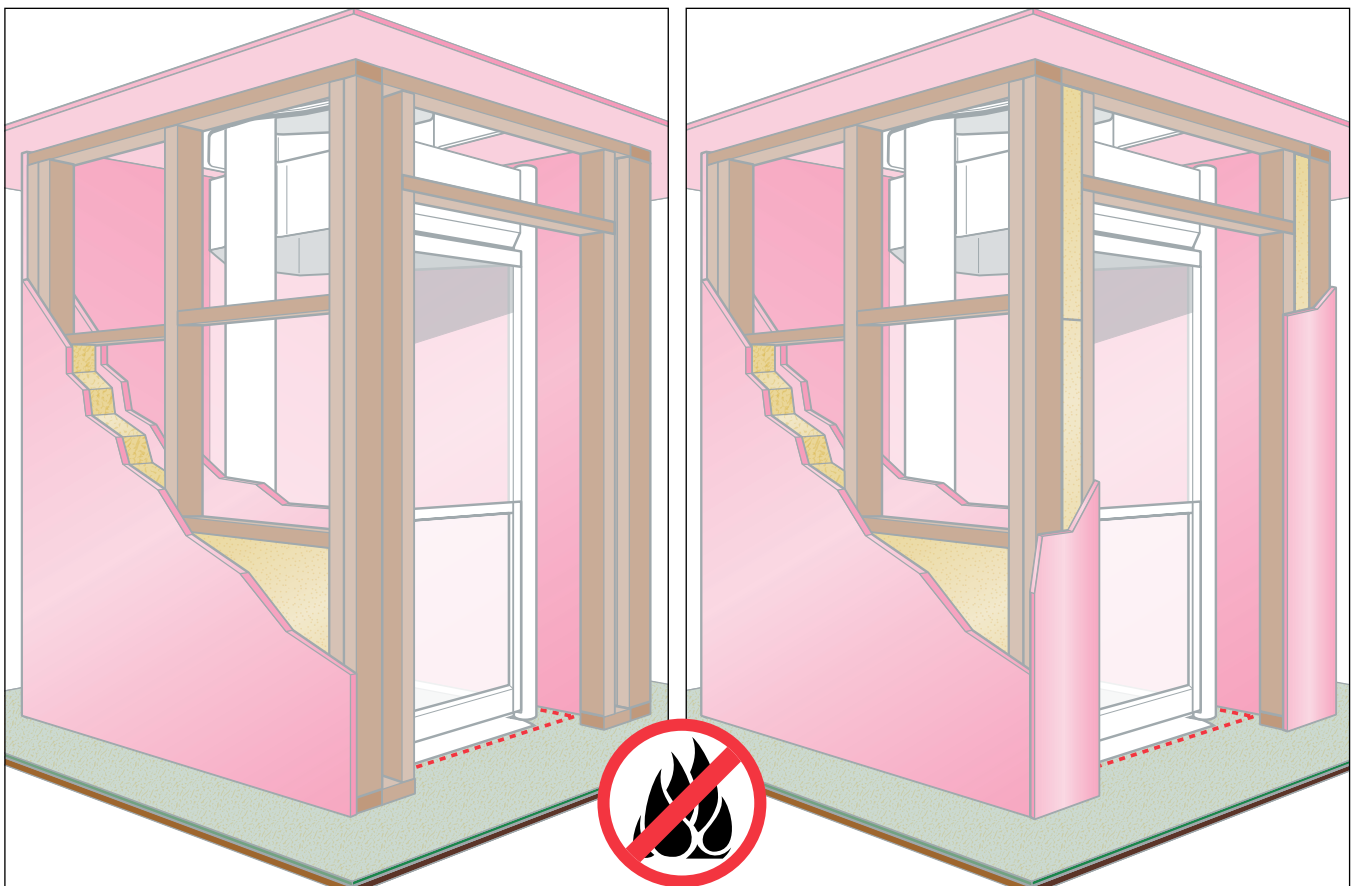
Build 3 walls, insulate and cover with fire retardant plasterboard



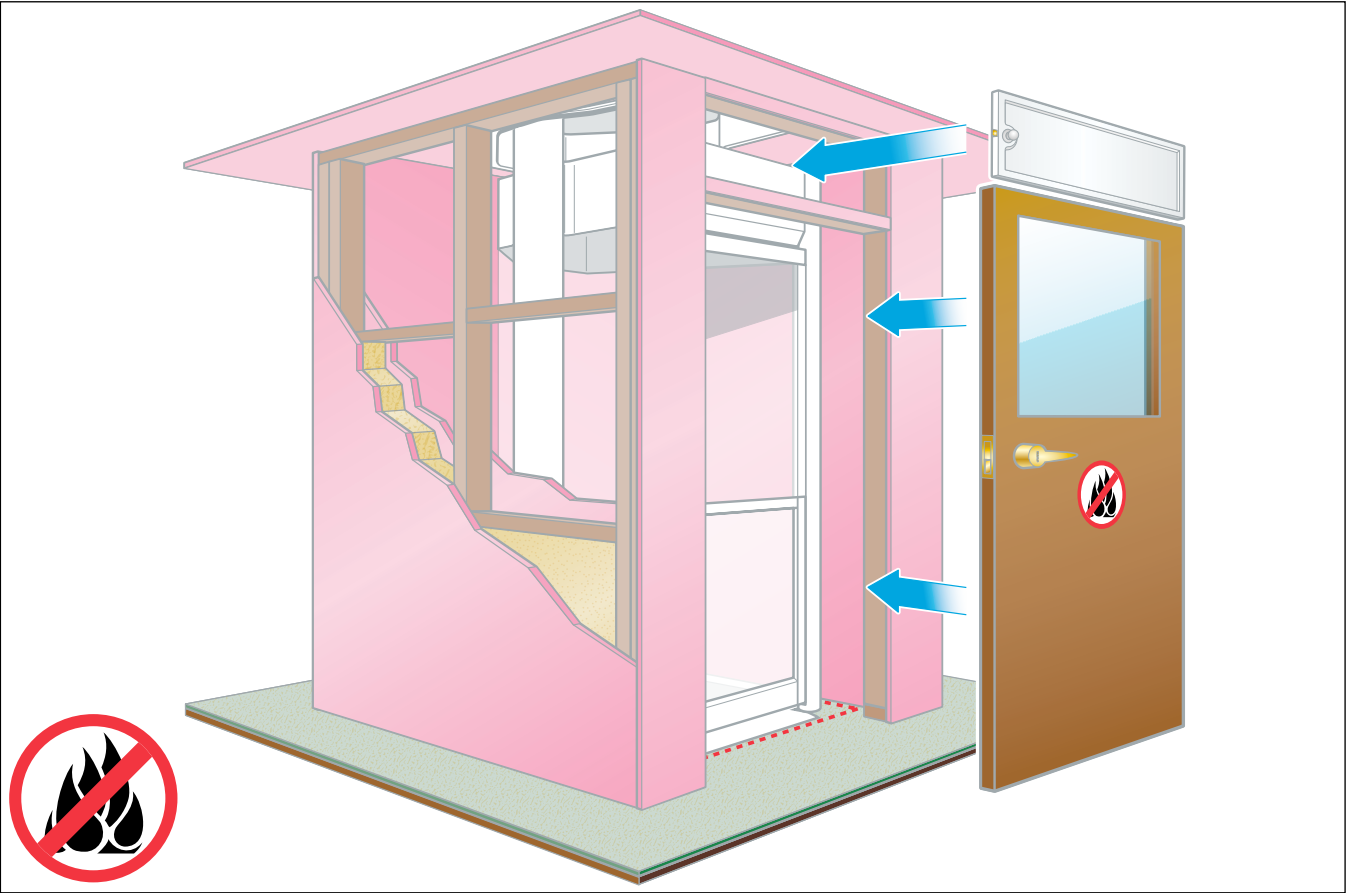
Install guide rails, hoist and lift car



Build door jamb and frame, insulate and cover with fire retardant plasterboard



Fit fire door and inspection hatch





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