

DRILYNER DAB

Installation Guide



DriLyner Dab

Components

Gyproc® DriWall Adhesive

- Up to 90 minutes working time
- Four month shelf life
- Available in 25 kg bags - 56 on a pallet
- Two boards can be applied using one bag of Gyproc DriWall Adhesive



Gyproc® Nailable Plugs

- Only applicable for use with ThermaLine insulated boards
- Two nailable plugs required per Gyproc ThermaLine insulated board
- Available in the following sizes: 60 mm, 80 mm, 100 mm, 110 mm, 120 mm and 135 mm lengths
- A minimum of 25 mm penetration is needed into the substrate



For illustrative purposes only.

Thistle® Bond-It

- Applied to precast concrete to provide a key for Gyproc DriWall Adhesive
- Dabbing direct to precast concrete can result in delamination of the dabs if Thistle Bond-it isn't used
- Can either be applied over the full surface or in bands where the Gyproc DriWall Adhesive dabs will be applied



- Thistle Bond-It is green in colour
- Coverage of one tub is 45 m² when used to cover the whole background
- Applied by roller or brush
- Should not be diluted

Thistle® GypPrime

- Thistle GypPrime is a suction control primer to help surfaces retain water and prevent adhesion failures when plastering onto high suction backgrounds
- Thistle GypPrime allows extra working time by reducing the suction base to prevent rapid drying.
- It's easy to apply by roller or brush and is coloured yellow so treatment area is visible.



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Gyproc DriWall Adhesive

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- Dabs should be applied in a regular pattern and give a minimum area of contact between board and background of 20%
- Need to have wall perimeter air seals and air seals around any wall opening/ penetration
- Walls should be dry, clean and free of any contaminants
- Dabs should be:
 - No less than 10mm and no greater than 25 mm in thickness (when compressed).
 - 50-75 mm wide and 250 mm long
- Number of rows of dabs required is dependant on board width and thickness:

PLASTERBOARD THICKNESS (MM)	PLASTERBOARD WIDTH (MM)	PLASTERBOARD ADHESIVE CENTRES (MM)	NUMBER OF VERTICAL DAB COLUMNS PER PLASTERBOARD
9.5	900	450	3
	1200	400	4
12.5	900	450	3
	1200	600	3
15	900	450	3
	1200	600	3



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Dab Pattern and Air Seals

To prevent unwanted air movement behind the wall lining, continuous joined up dabs (ribbons) of Gyproc DriWall Adhesive are needed around wall perimeters, openings such as windows and doors and any wall lining penetrations such as electrical socket back boxes.



Wall elevation

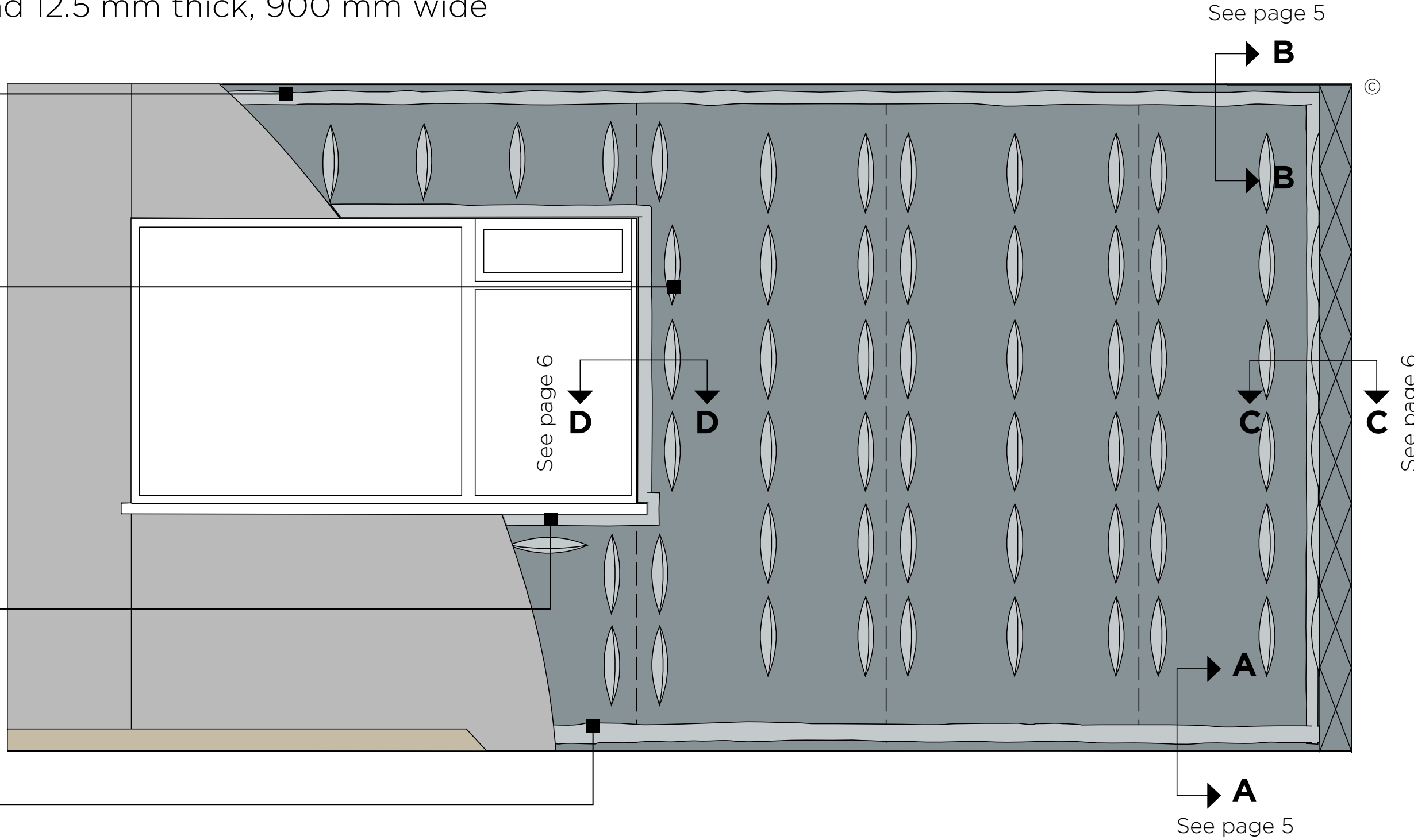
Gyproc WallBoard 9.5 mm and 12.5 mm thick, 900 mm wide

Continuous ribbon of adhesive to form air seal, nominal 50 mm down from the ceiling lining board

Gyproc DriWall Adhesive dab

Continuous ribbon of adhesive to form air seal

Gyproc DriWall Adhesive continuous ribbon



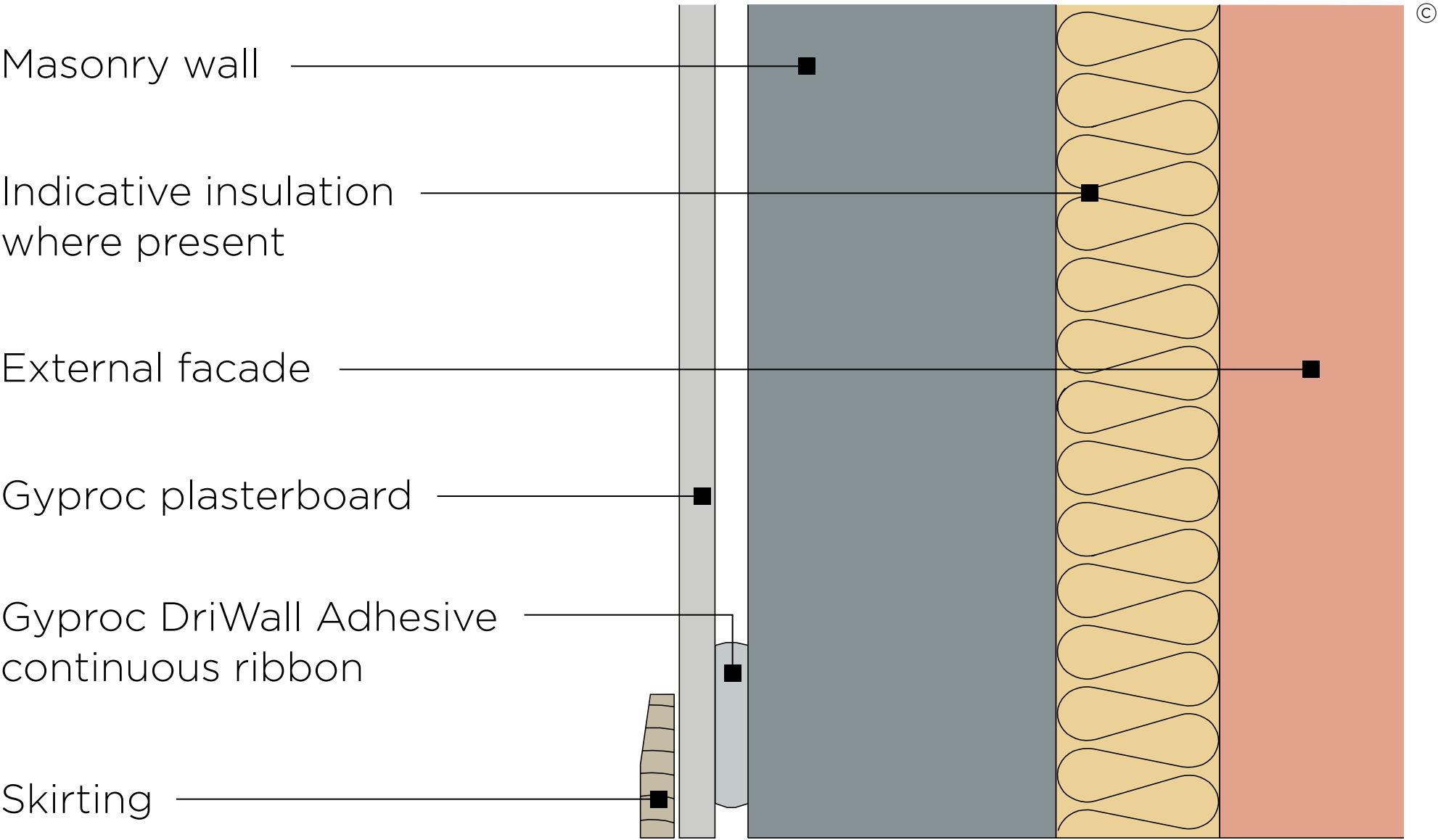
For illustrative purposes only.

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Dab Pattern and Air Seals

Section A-A

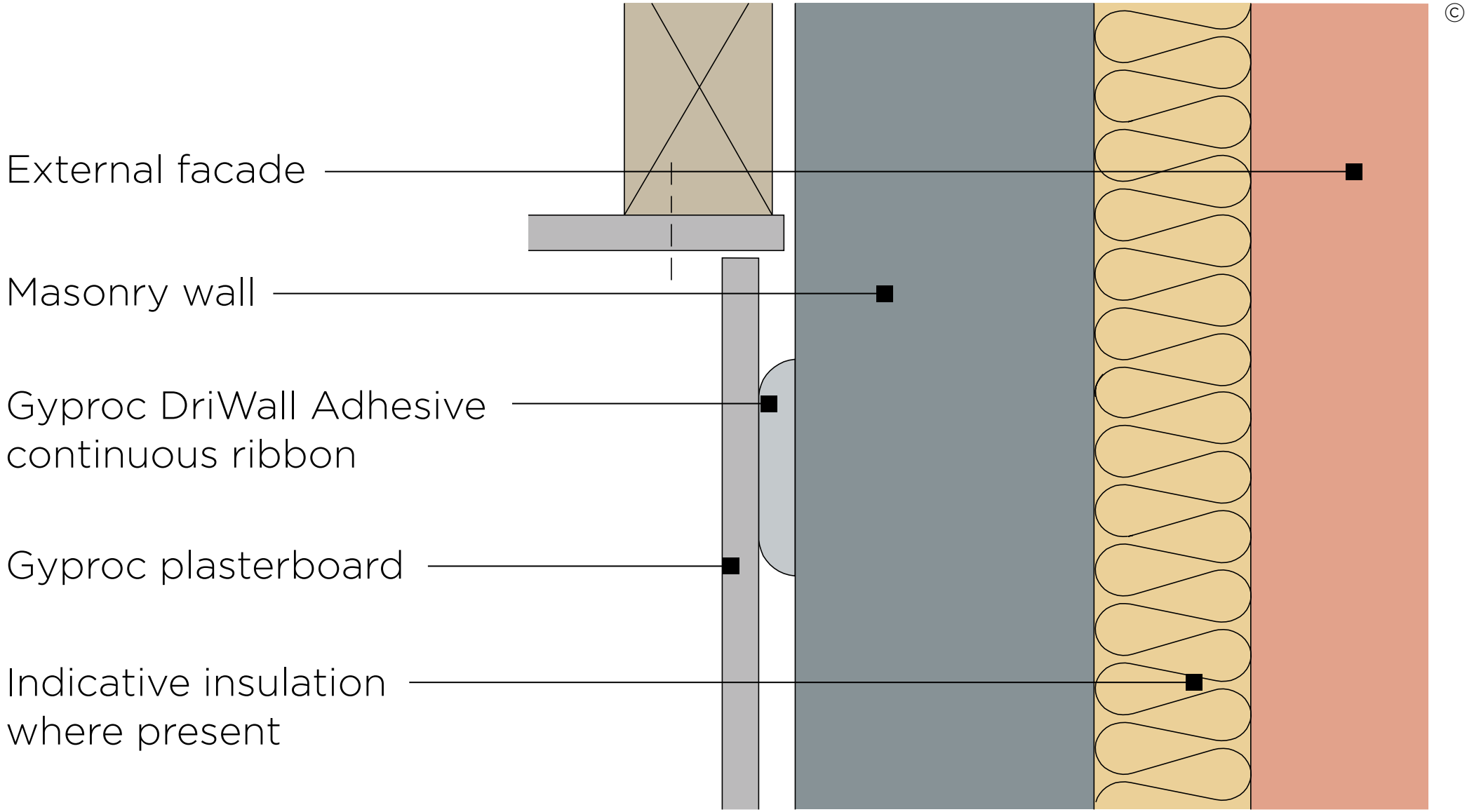
Continuous ribbon of Gyproc DriWall Adhesive is used at the base of the wall to not only form an air seal but as a solid fix for skirting.



For illustrative purposes only.

Section B-B

Continuous ribbon of Gyproc DriWall Adhesive set 50 mm down from the top of the wall to form an air seal.



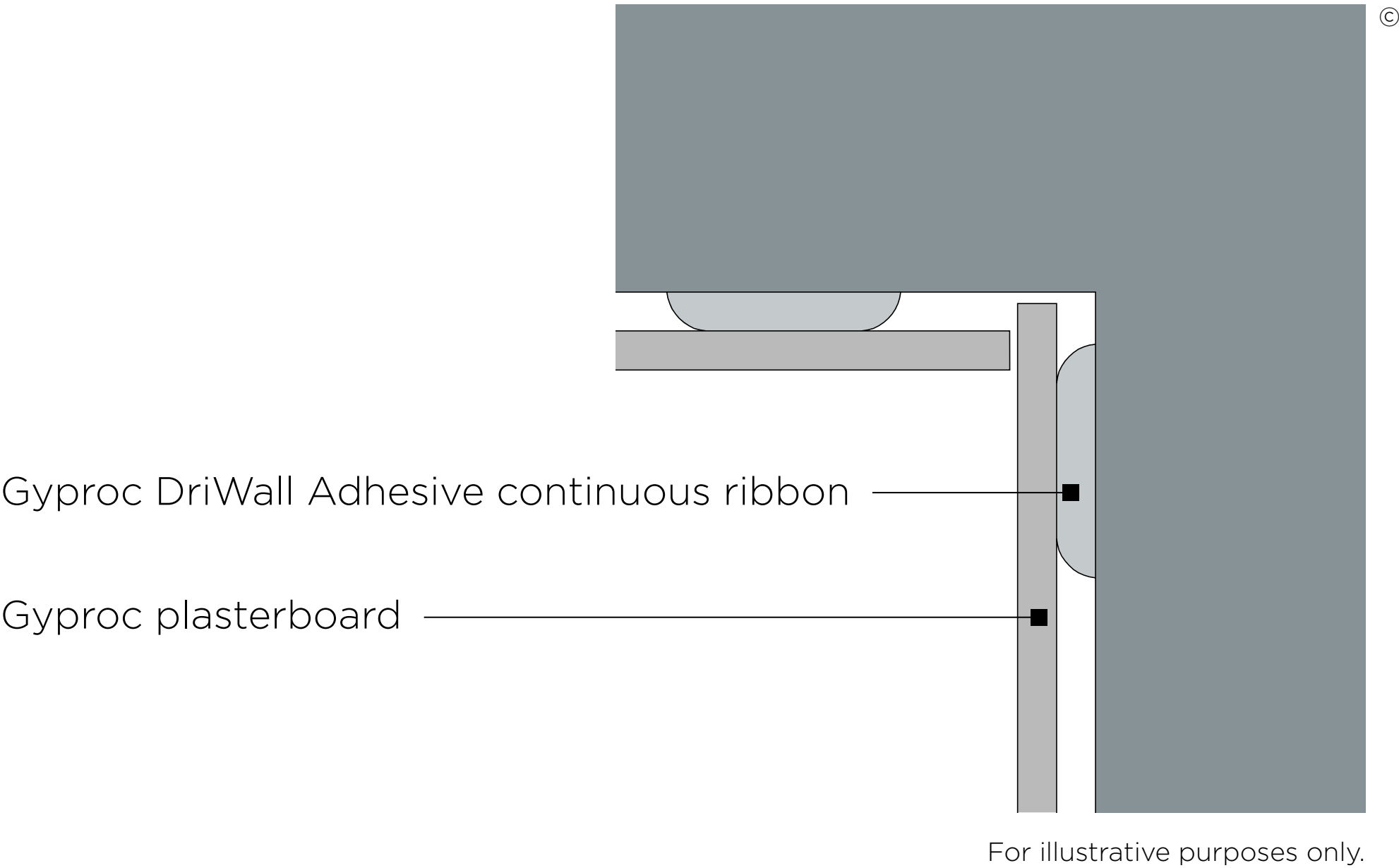
For illustrative purposes only.

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Dab Pattern and Air Seals

Section C-C

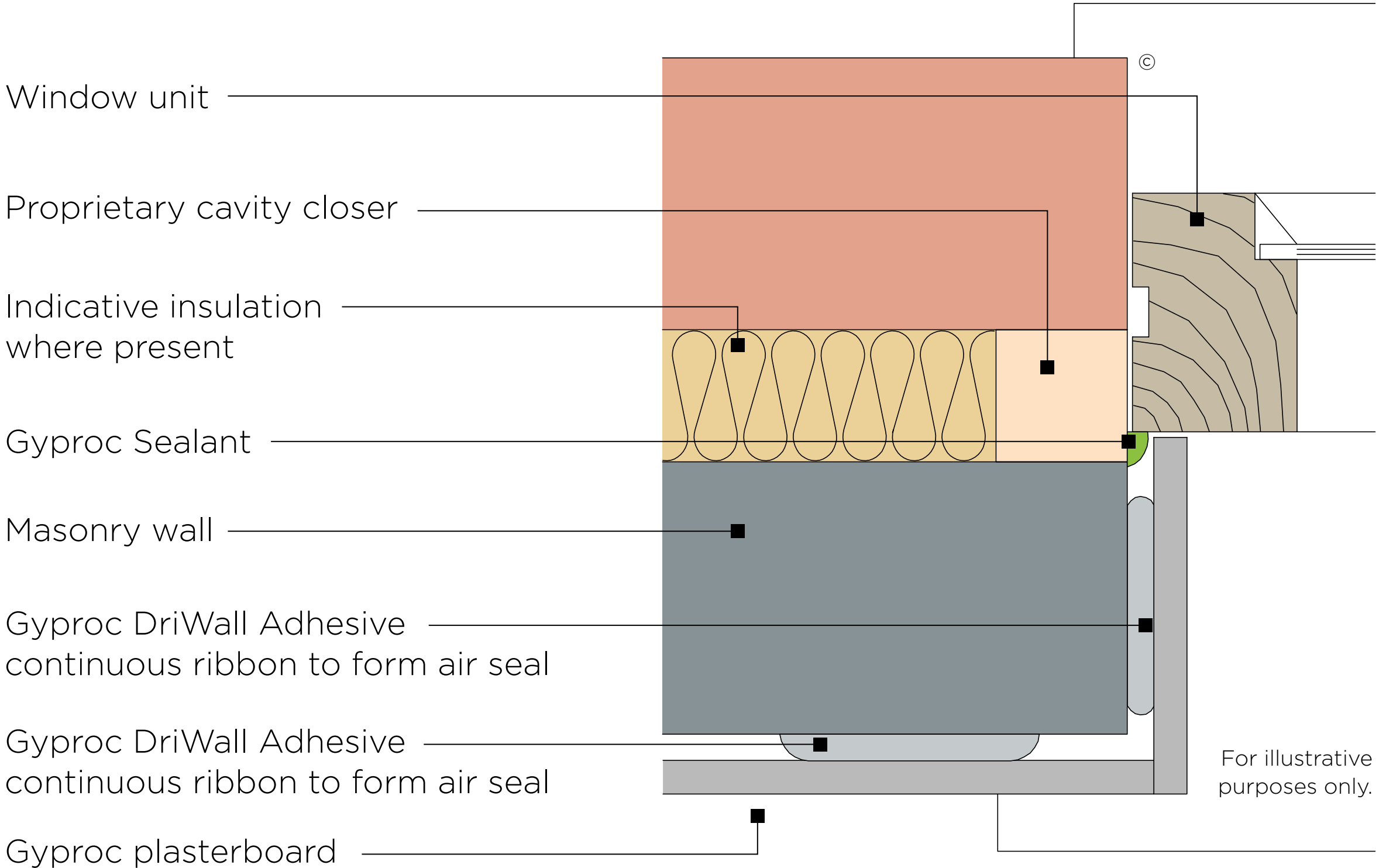
Continuous ribbon of Gyproc DriWall Adhesive is used at internal wall junctions to form an air seal.



Section D-D

Window/door openings require a continuous ribbon of Gyproc DriWall Adhesive applied around the opening's perimeter to form an air seal and also add strength to the reveal.

All other lining penetrations, such as electrical back boxes and pipes also require a continuous ribbon of Gyproc DriWall Adhesive around their perimeter.



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Incorporating services

The cavity between the linings and the background can be used to incorporate services. This minimises the depth of chasing required in the background.

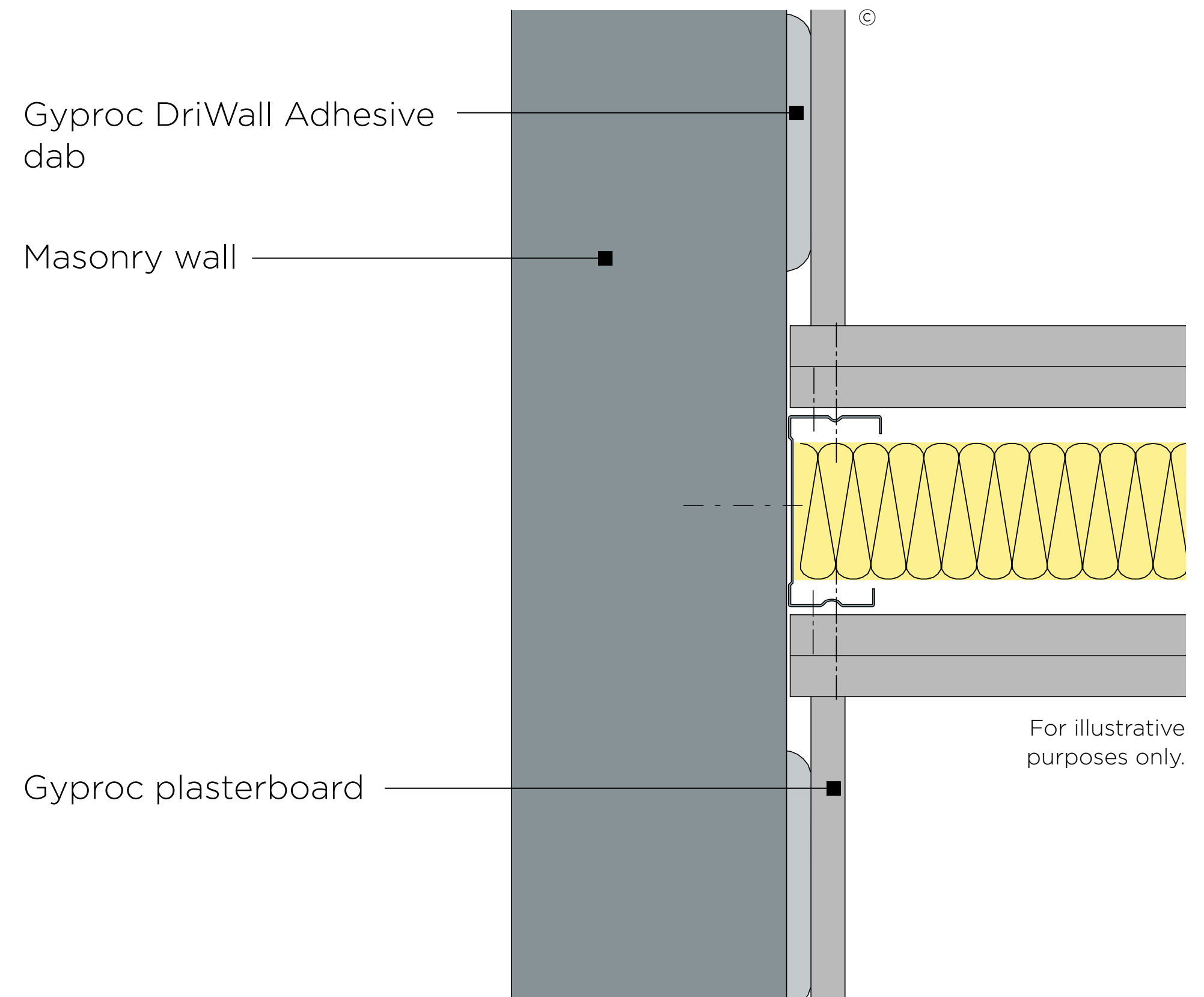
Pipes and conduits should be fixed in position before lining work commences.

Gas pipes should be installed in accordance with BS 6891, which requires pipes to be fully encased, e.g. using Gyproc DriWall Adhesive.



Junction with GypWall Single Frame

To improve acoustics and prevent flanking sound, partition walls that intersect an existing wall to be dabbed should be constructed first as shown below.



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Tiling

If being tiled, additional horizontal mid height dabs are required.

Tiling should commence at least seven days after installation to ensure the Gyproc DriWall Adhesive and Gyproc plasterboard are fully bonded.

Gyproc ThermaLine boards:

When Gyproc ThermaLine boards are used, two British Gypsum Nailable Plugs are required per board as a secondary fixing (mid height, left and right side of board).

If tiling over dabled Gyproc ThermaLine boards, then this is increased to nine British Gypsum Nailable Plugs are required per board (three rows of three).



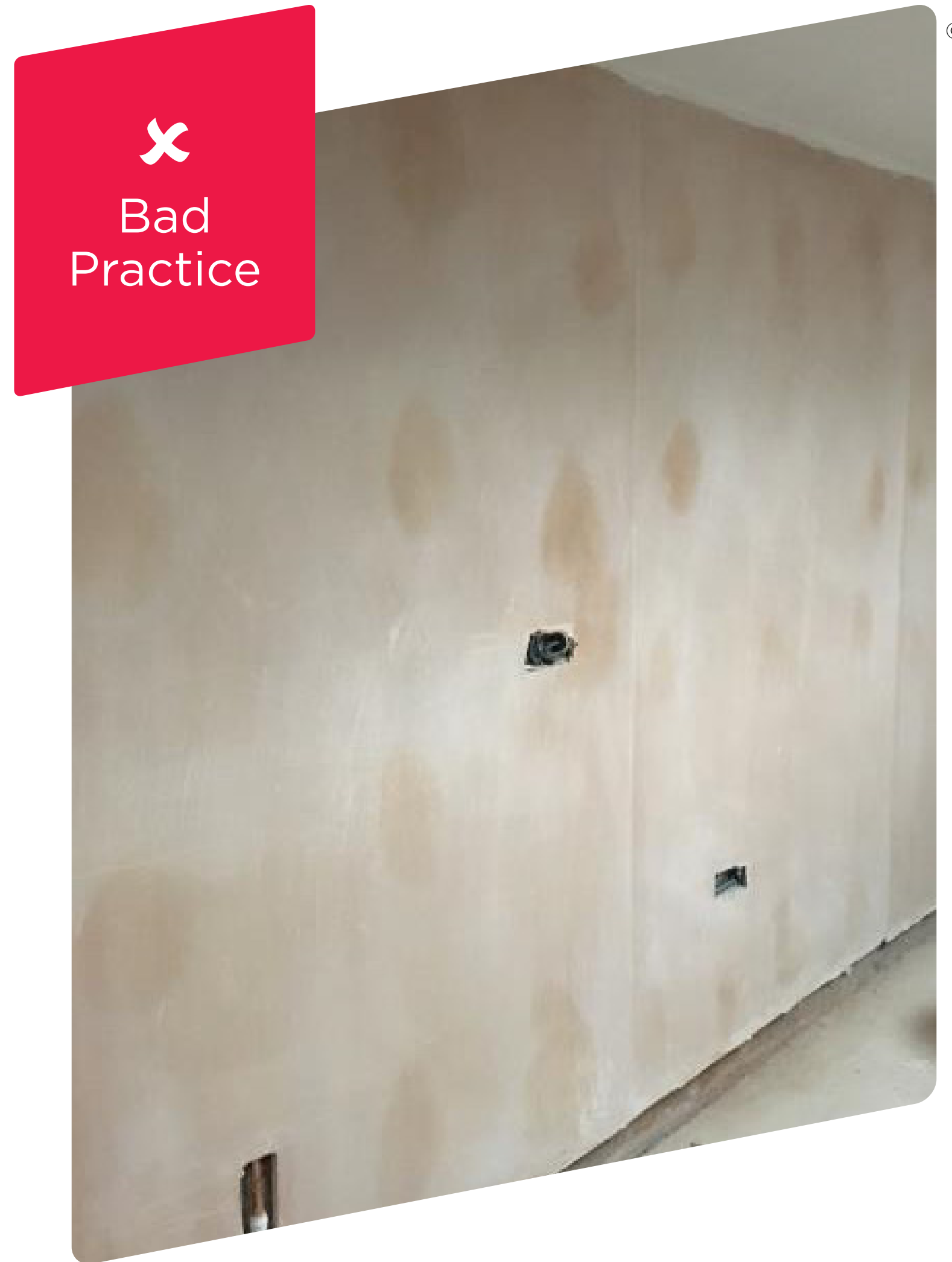
Example of bad practice:

- Small dabs with too a large gap between
- Dabs should be approximately 100 mm apart, 20% of the back of the board is not covered
- Double dabbing at board joints, each board joint should have a separate rows of dabs 25 mm in from the joint

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Example of bad practice:

- Blockwork should be dry before dabbing commences
- Dabbing on to damp blockwork can cause problems as the building starts to dry out like plasterboard staining



There are several reason why Gyproc DriWall Adhesive may delaminate

- Dusty background - inadequate key
- Precast concrete releasing agents/limestone
- Mixed too thick
- Set too quickly - badly stored material, contaminated water, dirty buckets
- Product is past use-by date
- For dry backgrounds with a high suction rate, we recommend using Thistle GypPrime
- **If you are unhappy with your product, Contact British Gypsum at: 0115 945 1000 or visit british-gypsum.com**



SAINT-GOBAIN

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