

## Marmox Multiboard Specifications under plaster and render

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### Internal Wall (IW) Specifications (*boards to be rendered*)

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## Specification - as a plastered, insulating board on a concrete ceiling

<b>Product Ref:</b>	<b>Marmox Multiboard (aka Marmox board, construction board, tile backer board)</b>
<b>Product Use:</b>	Lightweight insulating boards fixed to concrete soffit.
<b>Manufacturer:</b>	Marmox Ltd
<b>Address:</b>	Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP. 01634 835290; Email: <a href="mailto:sales@marmox.co.uk">sales@marmox.co.uk</a> ; <a href="http://www.marmox.co.uk/">http://www.marmox.co.uk/</a> .
<b>Description:</b>	Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.
<b>Dimensions:</b>	Width = 600mm, Length = 1250mm, Thickness = 4, 6, 10, 12.5, 20, 30, 40, 50, 60mm
<b>Properties:</b>	Low thermal conductivity (0.034W/mK) unaffected by moisture. Does not expand or contract as temperature and humidity alters.
<b>Authorities:</b>	ISO9001.
<b>CE + UKCA:</b>	Declaration of Performance for an XPS Insulation Board EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** The Marmox board is adhered to the ceiling using both Marmox MSP-360 and mechanical fixings.

*The ceiling must be of sound and secure material and ideally not be painted.*

- Determine the location of the boards on the ceiling.
- The boards will eventually be fixed with SIX screws and washers (600mm centres) so mark the fixing points and drill c.35mm deep holes and add plugs.
- Apply the adhesive Marmox MSP-360 to one side of the board (*one 300ml tube for about two Marmox boards*)
- Press the board evenly into place whilst at the same time fixing with the screws and washers.
- Leave a 5mm gap around the perimeter and fill that with Marmox MSP-360.

**Note:** Marmox MSP-360 is not like silicone – it can be plastered over without affecting the bond.  
No priming of the Marmox board is necessary, the surface is already suitable to receive skim coating of plaster.

**Plastering:** Scrim tape (*Marmox reinforcing tape*) is applied over all joints.  
Dampen the surface of the Marmox board prior to plastering.

**Limitations:**

- 1) Compounds containing organic solvents (*including organic based tile sealants*) must not come into contact with Marmox board.
- 2) Temperatures in excess of 75°C are not appropriate therefore Marmox boards must not be used on ceilings with heating or hot lamps in contact with the board.
- 3) Marmox Multiboard is not suitable to be painted or wallpapered.

## Specification - as a plastered, insulating board on a masonry/concrete wall

**Product Ref:** Marmox Multiboard

**Product Use:** Internal insulation of walls to be plaster coated.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); <http://www.marmox.co.uk/>.

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Width = 600mm, Length = 1250mm or 2500mm, Thickness = 4, 6, 10, 12.5, 20, 30, 40, 50, 60mm

**Properties:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001.

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** **The Marmox board is fixed to the masonry wall with tile adhesive only.** The wall should not be coated or covered with any surface covering, for example – paint, plaster.

*Ensure the wall is flat enough for full bed adhesion, i.e. <3mm over a 2m span. If it is uneven, the dotting and dabbing plus mechanical reinforcement method should be used instead.*

- The masonry should be primed in accordance with the adhesive manufacturer's advice.
- Boards can be aligned vertically or horizontally ideally in a staggered (*Brick-bond*) format.
- Marmox Multiboard is fixed onto a continuous bed (*3-5mm thick*) of cement-based tile adhesive.
- The boards are sealed to each other by running a bead of MSP-360 along each board edge during installation.
- A 5mm gap is left around the perimeter which is filled with Marmox MSP-360

**Note:** The wall should be flat enough to allow the boards to be applied without creating any voids behind it.  
If the wall is too uneven, battens should be considered.

Marmox MSP-360 is not like silicone – it can be plastered over without affecting the bond.

No priming of the Marmox board is necessary, the surface is already suitable to receive plaster.

## Specification - as a plastered, insulating board on a masonry/concrete wall

**Plastering:** Scrim tape (*Marmox reinforcing tape*) is applied over all joints  
Dampen the surface of the Marmox board.  
Apply two coats of plaster – the first onto the Marmox board surface approximately 2mm thick and a further 1mm approximately one hour later.  
Any exposed (foam) edges should be covered with scrim tape + MSP-360 before plastering.

**To achieve a resistance to impact commensurate with ‘Medium Duty performance’ of plasterboard (as defined by BS5234)**

- An additional layer of fibreglass scrim must be added between the two applications of plaster.
- This additional scrim layer is not necessary when only ‘Light Duty performance’ is required.

**Limitations:** 1) Compounds containing organic solvents must not come into contact with Marmox board.  
2) Temperatures in excess of 75°C are not appropriate.

## Specification - as a plastered, insulating board on timber-clad frame wall or SIP

**Product Ref:** Marmox Multiboard

**Product Use:** Internal insulation of timber or metal framed walls that are to be plastered.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); <http://www.marmox.co.uk/>.

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Width = 600mm, Length = 1250mm or 2500mm, Thickness = 4, 6, 10, 12.5, 20, 30, 40, 50, 60mm

**Properties:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** The Marmox board is fixed to a layer of timber sheeting fixed to a frame or to a SIPs panel with tile adhesive.

- Boards can be aligned vertically or horizontally ideally in a staggered (*Brick-bond*) format.
- Marmox Multiboard is fixed onto stable plywood (min thickness 12mm or SIPs panel) with a continuous bed of cement-based tile adhesive (c.3-4mm thick).
- All Marmox board edges are sealed to each other using a bead of Marmox MSP-360.
- A 5mm gap between the board and the wall/roof junctions is left and filled with MSP-360 which is also used to seal the fixing holes.

**Notes:**

- 1) Sealing the boards together with Marmox MSP-360 ensures a continuous waterproof barrier protecting against ingress of water. Gaps in the Marmox board layer could allow moisture to get into the plywood behind causing damage.
- 2) Sealing the boards together with MSP-360 reduces the risk of localised moisture release from the property through the gaps between boards which can result in efflorescence and differential curing of the plaster.
- 3) This method allows items to be subsequently screw fixed to the wall easily

## Specification - as a plastered, insulating board on timber-clad frame wall or SIP

**Plastering:** Scrim tape (*Marmox reinforcing tape*) is applied over all joints  
Dampen the surface of the Marmox board.  
Apply two coats of plaster – the first onto the Marmox board surface approximately 2mm thick and a further 1mm approximately one hour later.  
Any exposed (foam) edges should be covered with scrim tape + MSP-360 before plastering.

**To achieve a resistance to impact commensurate with ‘Medium Duty performance’ of plasterboard (as defined by BS5234)**

- An additional layer of fibreglass scrim must be added between the two applications of plaster.
- This additional scrim layer is not necessary when only ‘Light Duty performance’ is required.

**Limitations:** 1) Compounds containing organic solvents must not come into contact with Marmox board.  
2) Temperatures in excess of 75°C are not appropriate.

**Specification - a plastered, insulating board directly on a metal or timber wall frame**

**Product Ref:** Marmox Multiboard

**Product Use:** Internal insulation of timber or metal framed walls to be plastered.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); [http://www.marmox.co.uk/..](http://www.marmox.co.uk/)

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Width = 600mm, Length = 1250mm or 2500mm, Thickness = 10, 12.5, 20, 30, 40, 50, 60mm

**Properties:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** The Marmox board is screw fixed directly to the steel or wooden frame ensuring that all board edges are supported.

**USING SHORT BOARDS (600 X 1250mm)**

The frame must support all board edges with centres no greater than 300mm if using 10 or 12.5mm thick board or 600mm if using 20mm board or thicker.

Marmox Multiboards are flush against the frame with all four edges of the board supported. The boards are fixed with screws and washers every 300mm. The board edges are sealed to each other and to the frame beneath and/or adjoining wall/floor using Marmox MSP-360.

**USING LONG BOARDS (600 X 2500mm)**

The frame must support all board edges with centres no greater than 300mm if using 10 or 12.5mm thick board or 600mm if using 20mm board or thicker.

Marmox Multiboards are flush against the frame with horizontal noggins placed approximately every 1.2m. The boards are fixed using screws and washers every 300mm along each member. The board edges are sealed to each other and to the frame beneath and/or adjoining wall/floor using Marmox MSP-360.

## Specification - a plastered, insulating board directly on a metal or timber wall frame

**Notes:**

- 1) Sealing the boards together with Marmox MSP-360 ensures a continuous waterproof barrier protecting against ingress of water.
- 2) Sealing the boards together with MSP-360 reduces the risk of localised moisture release from the property through the gaps between boards which can result in efflorescence and differential curing of the plaster.

**Plastering:**

Scrim tape (*Marmox reinforcing tape*) is applied over all joints

Dampen the surface of the Marmox board.

Apply two coats of plaster – the first onto the Marmox board surface approximately 2mm thick and a further 1mm approximately one hour later.

Any exposed (foam) edges should be covered with scrim tape + MSP-360 before plastering.

**To achieve a resistance to impact commensurate with ‘Medium Duty performance’ of plasterboard (as defined by BS5234)**

- An additional layer of fibreglass scrim must be added between the two applications of plaster.
- This additional scrim layer is not necessary when only ‘Light Duty performance’ is required.

**Limitations:**

- 1) Compounds containing organic solvents must not come into contact with Marmox board.
- 2) Temperatures in excess of 75°C are not appropriate.



**Specification - As a rendered external insulation board fixed to a masonry wall with adhesive.**

**Product Ref:** Marmox Multiboard

**Product Use:** External insulation cladding and render carrier board for external walls.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); [http://www.marmox.co.uk/..](http://www.marmox.co.uk/)

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Width = 600mm, Length = 1250mm or 2500mm, Thickness = 10, 12.5, 20, 30, 40, 50, 60mm

**Properties:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001.

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** Marmox Multiboard is fixed to a masonry, brick or concrete wall (not aircrete block) with a continuous bed of tile adhesive.

**Significant voids behind the boards must be filled.** A layer of cement rich render (e.g. 3:1 sand:cement) should be applied to the wall to create a reasonably flat substrate for the Marmox boards.

*This method is only suitable to bare brick, bare concrete block or bare concrete walls – method IB6 should be used for walls already coated.*

- The masonry should be primed in accordance with the adhesive manufacturer's advice.
- Boards can be aligned vertically or horizontally ideally in a staggered (*Brick-bond*) format.
- Marmox Multiboard is fixed onto a continuous bed (*3-5mm thick*) of cement-based tile adhesive.
- The boards are sealed to each other by running a bead of MSP-360 along each board edge.
- A 5mm gap is left around the perimeter which is filled with Marmox MSP-360

**Specification - As a rendered external insulation board fixed to a masonry wall with adhesive.**

- Rendering:**
- Priming is not necessary
  - Dampen the surface of the Marmox board.
  - Any exposed (foam) edges should be covered with scrim tape + MSP-360 before rendering.
  - Apply a first coat of render onto the Marmox board surface.
  - Before this hardens, press fibreglass tape into this material.
  - Apply the finishing layer of render.
- Limitations:**
- 1) Compounds containing organic solvents must not come into contact with Marmox board.
  - 2) Temperatures in excess of 75°C are not appropriate.
  - 3) Marmox Multiboards are waterproof and consequently not breathable. Consideration must therefore be given to improving the building's ventilation to counteract the increased risk of interstitial condensation.
  - 4) The board is a Class E material and therefore this application is not suitable for use on the outside of buildings at heights above 11m.

**Specification - As a rendered external insulation board fixed mechanically to a masonry wall.**

**Product Ref:** Marmox Multiboard

**Product Use:** External insulation cladding and render carrier board for external walls.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); [http://www.marmox.co.uk/..](http://www.marmox.co.uk/)

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Width = 600mm, Length = 1250mm or 2500mm, Thickness = 10, 12.5, 20, 30, 40, 50, 60mm

**Properties:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** Marmox Multiboard is fixed to a masonry, brick or concrete wall (not aircrete block) with Marmox fixing dowels (or screws and washers).

**Significant voids behind the boards must be filled.** A layer of cement rich render (*e.g. 3:1 sand:cement*) should be applied to the wall to create a reasonably flat substrate for the Marmox boards.

**a) Aligned Vertically**

- Boards are aligned vertically in a staggered (*Brick-bond*) format.
- Marmox Multiboard is fixed onto the masonry with mechanical fixings ensuring all board edges are supported.
  - For STD board – 3 vertical rows of 3 fixings = 9 per board
  - For LONG board – 3 vertical rows of 5 fixings = 15 per board
  - For BIG board – 5 vertical rows of 5 fixings = 25 per board

**b) Aligned Horizontally**

- Boards are aligned horizontally in a staggered (*Brick-bond*) format.
- Marmox Multiboard is fixed onto the masonry with mechanical fixings ensuring all board edges are supported.
  - For STD board – 4 vertical rows of 3 fixings = 12 per board
  - For LONG board – 7 vertical rows of 3 fixings = 21 per board
  - For BIG board – 7 vertical rows of 5 fixings = 35 per board

**Specification - As a rendered external insulation board fixed mechanically to a masonry wall.**

- The boards are sealed to each other by running a bead of MSP-360 along each board edge during installation.
- MSP-360 should be squirted into the fixing holes to waterproof these punctures through the waterproof layer.
- A 5mm gap is left around the perimeter which is filled with Marmox MSP-360

**Rendering:**

Priming is not necessary

Dampen the surface of the Marmox board.

Any exposed (foam) edges should be covered with scrim tape + MSP-360 before rendering.

Apply a first coat of render onto the Marmox board surface.

Before this hardens, press fibreglass tape into this material.

Apply the finishing layer of render.

**Limitations:**

1) Compounds containing organic solvents must not come into contact with Marmox board.

2) Temperatures in excess of 75°C are not appropriate.

3) Marmox Multiboards are waterproof and consequently not breathable. Consideration must therefore be given to improving the building's ventilation to counteract the increased risk of interstitial condensation.

4) The board is a Class E material and therefore this application is not suitable for use on the outside of buildings at heights above 11m.

**Specification - As a rendered external insulation board on top of a timber clad wooden or metal wall frame.**

**Product Ref:** Marmox Multiboard 10mm and thicker

**Product Use:** External insulation of timber or metal framed walls to be render coated.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); [http://www.marmox.co.uk/..](http://www.marmox.co.uk/)

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Width = 600mm, Length = 1250mm or 2500mm, Thickness = 10, 12.5mm

**Properties:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** Marmox Multiboard is screw fixed to a layer of timber sheeting which has already been fixed to a metal or wooden frame.

*(Marmox Multiboard sheets 20mm and thicker may be fixed directly to the battens – see **IB8**)*

- A layer of plywood (*min thickness 12mm*) is fixed to the steel frame or timber frame with battens over the breather membrane to provide a ventilated space.
- Marmox Multiboard, 600mm x ....mm x ....mm is fixed onto on to that plywood using screws + Marmox washers at 300mm centres.
- When practical, the boards are aligned so that the screws going through the Marmox board edges pass through the timber sheeting into the studwork directly underneath.
- All Marmox board edges are sealed using a bead of Marmox MSP-360. Sufficient sealant should be used to enable it to also make contact with the timber cladding below.
- A 5mm gap between the board and the wall/roof junctions is left and filled with MSP360 which is also be used to seal the fixing holes

**Specification - As a rendered external insulation board on top of a timber clad wooden or metal wall frame.**

- Notes:**
- 1) Sealing the boards together with MSP-360 ensures a continuous waterproof barrier protecting against ingress of water. Gaps in the Marmox board layer could allow moisture to get into the plywood behind causing damage.
  - 2) Sealing the boards together with MSP-360 reduces the risk of localised moisture release from the property through the gaps between boards which can result in efflorescence and differential curing of the render.

**Rendering:** *Boards do NOT need priming.*

Dampen the surface of the Marmox board.

Any exposed (foam) edges should be covered with scrim tape + Marmox MSP-360 before rendering.

Apply a first coat of render onto the Marmox board surface; before this hardens, press fibreglass tape into this material.

Apply the finishing layer of render.

- Limitations:**
- 1) Scrim tape/sheet must be applied over all joints.
  - 2) Marmox Multiboards are waterproof and consequently not breathable. Consideration must therefore be given to improving the building's ventilation to counteract the increased risk of interstitial condensation.
  - 3) Compounds containing organic solvents must not come into contact with Marmox board.
  - 4) Temperatures in excess of 75°C are not appropriate.
  - 5) The board is not suitable to support screwed in fixings. To hang items from Marmox clad walls, screws must be placed through the Marmox board into the substrate behind.
  - 7) Boards should, when possible, be laid in a staggered format.
  - 8) This application is Not suitable for use on the outside of buildings at heights above 11m.
  - 9) Thicker boards can be directly fitted to frames if they are at least 20mm (*see spec IB7*)

**Specification - As a rendered external insulation board fixed directly on to a wooden or metal wall frame.**

**Product Ref:** Marmox Multiboard

**Product Use:** External cladding and insulation of timber frame, metal frame or SIP walls to be render coated.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); <http://www.marmox.co.uk/>.

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

**Dimensions:** Thickness = 20, 30, 40, 50, 60mm Width = 1200mm, Length = 2400mm

**Properties:** Durable concrete substrate for render systems.  
Waterproof barrier.  
Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** ISO9001.

**CE + UKCA:** Declaration of Performance for an XPS Insulation Board  
EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** Marmox Multiboard is screw fixed directly to steel or timber frame at 300mm centres.  
Minimum board thickness is 20mm.

- Notes:**
- 1) The frame or studwork must be aligned so that all board edges, long and short sides, will be supported.
  - 2) The frame must provide support at 300mm centres.
  - 3) The frame should provide a drained ventilated cavity behind the Marmox board.
  - 4) The breather membrane should be between the main central insulation and the frame, it does not need putting alongside the Marmox boards.

- Marmox Multiboard is fixed onto the frame using screws + Marmox washers at 300mm centres.
- All Marmox board edges are sealed using a bead of Marmox MSP-360 which should be generously applied to it also bonds to the timber frame.
- A dab of Marmox MSP-360 is also applied onto the screw fixings to waterproof these.
- A 5mm gap between the board and the wall/roof junctions and movement joints is left and filled with MSP360.

**Specification - As a rendered external insulation board fixed directly on to a wooden or metal wall frame.**

**Rendering:** *Boards do NOT need priming.*

Dampen the surface of the Marmox board.

Any exposed (foam) edges should be covered with scrim tape + Marmox MSP-360 before rendering.

Apply a first coat of render onto the Marmox board surface; before this hardens, press fibreglass tape into this material.

Apply the finishing layer of render.

**Limitations:** 1) Scrim tape/sheet must be applied over all joints.

2) Marmox Multiboards are waterproof and consequently not breathable. Consideration must therefore be given to improving the building's ventilation to counteract the increased risk of interstitial condensation.

3) Compounds containing organic solvents must not come into contact with Marmox board.

4) Temperatures in excess of 75°C are not appropriate.

5) The board is not suitable to support screwed in fixings. To hang items from Marmox clad walls, screws must be placed through the Marmox board into the substrate behind.

7) Boards should, when possible, be laid in a staggered format.

8) This application is Not suitable for use on the outside of buildings at heights above 11m.

9) Thinner boards cannot be directly fitted to frames (*see spec IB7*)