Unitex®

YOUR WALLS
OUR PRIDE

UNITEX® BASE BOARD
LIGHTWEIGHT EXTERNAL CLADDING SYSTEM

USAGE & INSTALLATION GUIDE

BRANZ Appraised
Appraisal No. 758 [2018]

CODEMARK® Australia
Certificate CM-80002

CODEMARK® Australia
Certificate CM-70007

CERTIFIED BAL 40
SFC 51504300.2A

CERTIFIED BAL 29
SFC 2856500.2

Accredited BRAC
1/108876

UNITEX® BASE BOARD™
LIGHTWEIGHT EXTERNAL CLADDING SYSTEM

The Unitex® Uni-Base Board™ System from Unitex® is the premier lightweight External Insulation Finishing System (EIFS) available in Australia. The Unitex® Uni-Base Board™ System has been accredited by National accreditation authorities to comply as a **fully installed system** in accordance with the National Constructional Code (Building Code of Australia). Unitex® Base Board Systems are designed for use on Class 1 & 10 buildings (NCC 2019).

The Unitex Uni-EIFS™ range consists of a pre-coated Cavity and Non Cavity system, as well as an uncoated Uni-IB Board system, available to suit your particular building project. The breathable building paper clad building frame (substrate) must be suitable for the **Unitex® Uni-Base Board™ System** as detailed in the complete Technical Manual available at **www.unitex.com.au** and **www.render.com.au.**



The Unitex® Uni-Base Board System.

The Unitex® Uni-Base Board™ is made locally at the Unitex manufacturing facility in Dandenong (Victoria, Australia) by applying a specially formulated Unitex® Polymer Render coating and reinforcing AR/FG Mesh to EPS insulation panels. The Unitex® Uni-Base Board™ System is fully compliant to the 2019 BCA and all Unitex® manufacturing processes undergo regular internal audits, along with an annual external audit by CodeMark, Bureau Veritas and BRANZ Assessors so that Unitex® can confidently claim that all made product components and accessory components are fit for purpose and quality approved. The accredited system incorporates the Unitex® nominated components as tested and allows nil substitution. The Unitex® Uni-Base Board™ System is available in a standard sheet size of 1200mm x 2400mm at the required thickness for the thermal comfort specified for the project (generally 50mm, 75mm, or 100mm). Total coating thickness of 6 -15mm is achieved on completed systems.

The only approved and accredited method of installing the **Unitex® Uni-Base Board™ System** on site is by using, and applying, the specified components as is detailed in this manual, and further detailed in the Unitex® Technical Manual available at **www.unitex.com.au** and **www.render.com.au.**

Changing Methods of Building.

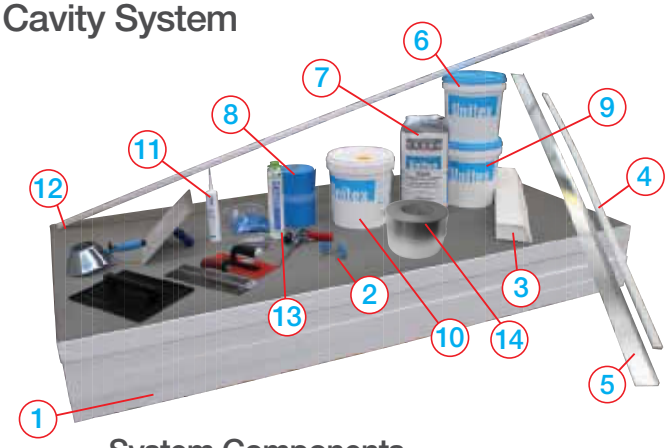
Traditional building methods using fired bricks and concrete blocks, in the age of government mandated carbon trading and increasing energy costs, are shown to be inefficient, especially when considering a building's wall R-Value and energy saving over time.

In addition, recent legislation concerning safe working heights and scaffold load reductions for heavy brick, block, and AAC panels will mean these past traditional systems are inefficient, particularly above the ground floor.

This is where the Unitex® Uni-EIFS™ Systems by Unitex® come into their own. Used in the construction industry to insulate, protect, and decorate the external of a building structure, the Unitex® Uni-Base Board™ Systems (cavity and non-cavity) are the most technically advanced methods of insulating your projects. Regardless of the buildings age or wall composition, almost any type of structure can be insulated without losing interior floor space. The lightweight Unitex® Uni-EIFS™ range is rainproof to protect the building envelope, and yet water vapour permeable to reduce condensation problems. The Unitex® Uni-Base Board™ finishing system is highly energy efficient and provides a low maintenance exterior when installed correctly and in accordance

Contents:

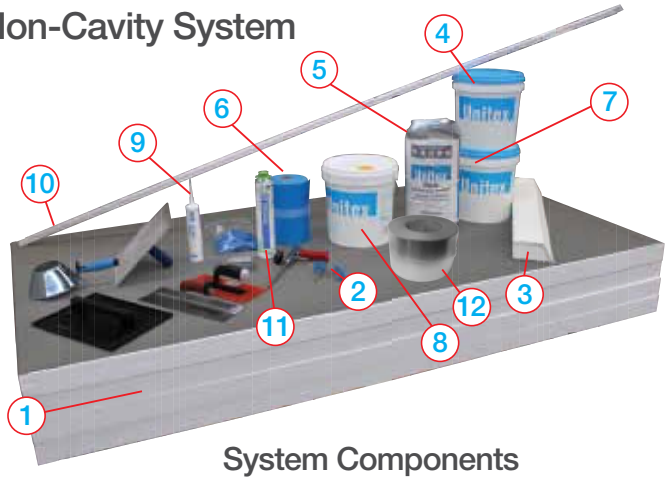
Unitex® Uni-Base Board™ Cavity System



System Components

1. Uni-Base Board
2. Uni-Screw/Washer Fixers
3. Unitex® Levelling Base Block or Aluminium Starter Channel
4. Unitex® Cavity Battens
5. Unitex® Cavity Closer
6. Uni-PTC
7. Unitex® BBR (Base Board Render)
8. Uni-Mesh IM250
9. Uni-Trowel Décor
10. Unitex® Polymer Render
11. Uni-Shape Sealant
12. Uni-304 Angle
13. Unitex® Adhesive Foam
14. Aluminium Foil Tape

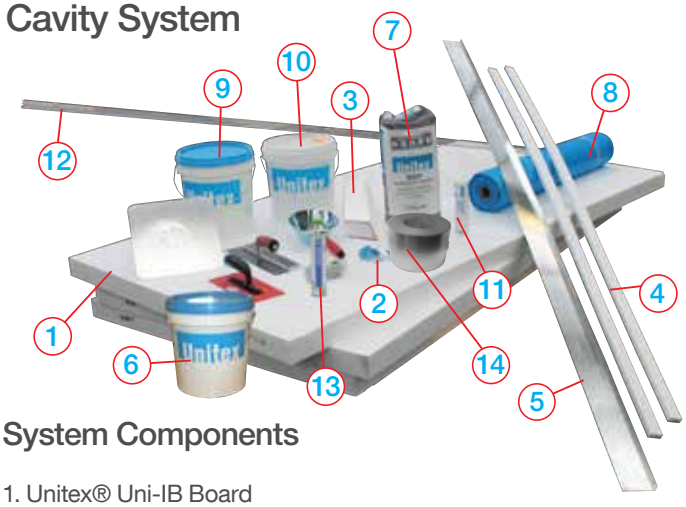
Unitex® Uni-Base Board™ Non-Cavity System



System Components

1. Uni-Base Board
2. Uni-Screw/Washer Fixers
3. Unitex® Levelling Base Block or Aluminium Starter Channel
4. Uni-PTC
5. Unitex® BBR (Base Board Render)
6. Uni-Mesh IM250
7. Uni-Trowel Décor
8. Unitex® Polymer Render
9. Uni-Shape Sealant
10. Uni-304 Angle
11. Unitex® Adhesive Foam
12. Aluminium Foil Tape

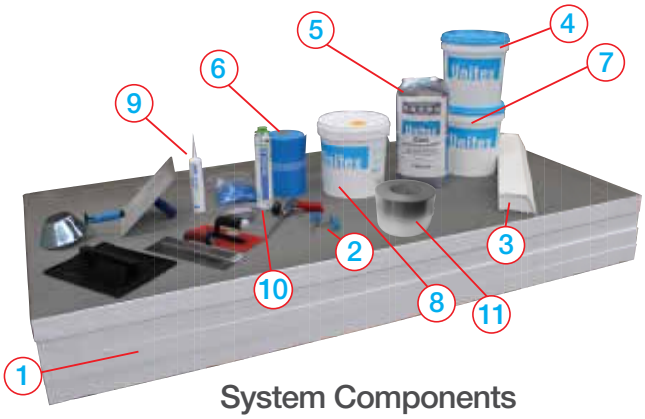
Unitex® Uni-Ib Board Cavity System



System Components

1. Unitex® Uni-IB Board
2. Uni-Screw/Washer Fixers
3. Unitex® Levelling Base Block or Aluminium Starter Channel
4. Unitex® Cavity Battens
5. Unitex® Cavity Closer
6. Uni-PTC
7. Unitex® BBR (Base Board Render)
8. Uni-Mesh IM250
9. Uni-Trowel Décor
10. Unitex® Polymer Render
11. Uni-Shape Sealant
12. Uni-304 Angle
13. Unitex® Adhesive Foam
14. Aluminium Foil Tape

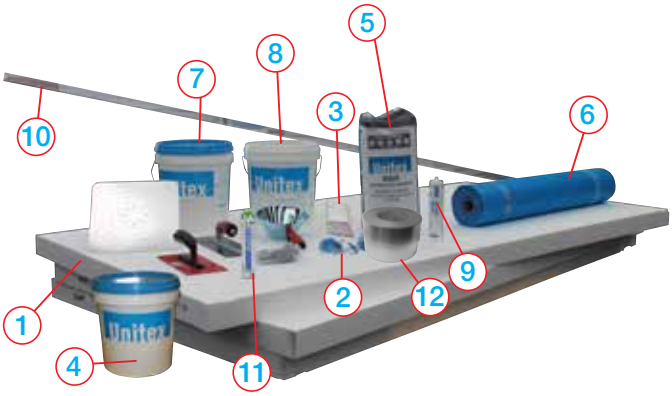
Unitex® Uni-Base Board™ Non-Cavity Bal 40 System



System Components

1. Uni-Base Board
2. Uni-Screw/Washer Fixers
3. Unitex® Levelling Base Block
4. Uni-PTC
5. Unitex® BBR (Base Board Render)
6. Uni-Mesh IM250
7. Uni-Trowel Décor
8. Unitex® Polymer Render
9. Uni-Shape Sealant
10. Unitex® Adhesive Foam
11. Aluminium Foil Tape

Unitex® Uni-Ib Board Non Cavity System



System Components

1. Uni-Uni-IB Board
2. Uni-Screw/Washer Fixers
3. Unitex® Levelling Base Block
   or Aluminium Starter Channel
4. Uni-PTC
5. Unitex® BBR (Base Board Render)
6. Uni-Mesh IM250
7. Uni-Trowel Décor
8. Unitex® Polymer Render
9. Uni-Shape Sealant
10. Uni-304 Angle
11. Unitex® Adhesive Foam
12. Aluminium Foil Tape

BRANZ Appraised
Appraisal No. 758 [2018]

CODEMARK Australia
Certificate CM-80002
Accreditation Authority: BRANZ

CODEMARK Australia
Certificate CM-70007
Accreditation Authority: Bureau Veritas

CERTIFIED BAL 40
SFC 51504300.2A

CERTIFIED BAL 29
SFC 2856500.2

Exova Warringtonfire

Unitex® WARRANTY
SEAL OF APPROVAL

Accredited BRAC
1/108876

UNI-EIFS
UNITEX EXTERNAL INSULATION FINISH SYSTEMS

UNITEX® UNI-BASE BOARD™ CAVITY SYSTEM

Unitex® Uni-Base Board™ Cavity System is to be applied over breathable building paper clad suitable substrate.

1. Seal the breathable building wrap with Unitex® flashing tape, at all wrap junctions, around all windows, doors and penetrations, from the wrap to the solid adjoining surface.

2. After builder has installed all flashing install the Unitex® Cavity Closer to the base of the wall frame. Mechanical fixing with class 3 minimum coated screw or nail min 30 mm into substrate stud/ base plate.

3. Install the Unitex® Cavity Battens over appropriately installed and sealed breathable building paper fixed to system approved building frame (studs). The battens to be tacked or temp adhesively (Unitex® Adhesive Foam) fitted to perpendicular line (vertically) of all studs (from cavity closer to top of wall). Top plate to be battened out horizontally to air seal cavity to roof cavity.

4. Install Unitex® levelling Base Blocks, or Aluminium Starter Channels to the base plate of the frame adjacent to the Unitex® Cavity Closer, mechanically with class 3 minimum coated screws in a non-marine environment, or stainless steel grade 304 or 416 in a marine environment. Butt ends to be joined and must be back-supported onto base plate or noggin, and adhesively joined with Unitex® Foam Adhesive. Unitex® Base Blocks come in lengths of 2.4 lineal meters x150mm height (approximately), and are base angled for drip protection. The Unitex® Base Block is a starter support to provide a sealed and level edging so that the Unitex® Uni-Base Board™ cut edge is not exposed to the elements and to prevent moisture ingress near ground level.

5. Install the Unitex® Sill Block using Unitex class 3 minimum coated screws to below the window. This is an optional component though technically preferred. The alternative is to use the complete Unitex® Base Board system then coat and render back sills. Install Unitex® Wedge Head Protectors to meter boxes. It is correct practice to always screw to a minimum depth of 25mm in stud or substrate, and into each stud and noggin base plate.

6. Cut Unitex® Uni-Base Board™ (pre-coated) to size and fix Unitex® Uni-Base Board™ to frame through battens with Unitex® screw fixers and washers. Ensure washers are screwed into Unitex® Uni-Base Board™ at a minimum 5mm below board surface and flush over-coat or patch with Unitex® Polymer Render (5-10% cement to be added). Fixings to be approximately 8 fixings per square meter (refer to page 12). Apply Unitex® Adhesive Foam to forward half of butt joint, and between all Unitex® Uni-Base Board™ sheets. Standard sizes and thickness of Unitex® Uni-Base Board™ are 1200mm x 2400 mm at 75mm, 50mm, or 100mm thickness.

7. The Builder to install builder's waterproof flashing between floors, at ground level, parapet metal flashing, and other specified flashings. Builder to install termite protection company system/s.

8. Builder to install waterproof sealing to windows (if required by design). Unitex® recommends Uni-Shape™ Sealant or Unitex® Window Seal Strips. Windows must be protected from trade damage with masking tape and plastic wrap.

9. Install Unitex® supplied corner protection angles of stainless steel 304, or Aluminium, to allow minimum 5mm BBR (Unitex® Base Board Render) thickness to be applied to align with corner protecting Unitex® ex-angles. To be adhesively installed with Unitex® Polymer Render or Unitex® Adhesive Foam. Unitex® Reinforcing Fibreglass Mesh can be installed under or over the Unitex® External angle, and allowing correct minimum render thickness.

10. Apply Unitex® Uni-Mesh IM 250 reinforcing mesh and embed into Unitex® Polymer Render (5-10% cement added) at all Unitex® Uni-Base Board™ junctions. Patch Unitex® washers and buttons to be level with surface using Unitex® Polymer Render (already imbedded into Unitex® Uni-Base Board™ sheets 5mm below surface). Unitex® Polymer Render is the strongest adhering and sealing render from Unitex® and is also used to stop, embed, and adhere the Unitex® corner angles.

11. When the Unitex® Uni-Base Board™ surface is dry and acceptable, mix Unitex® BBR as per instructions (on bag), apply and float to true and level surface. Unitex requires a minimum Unitex® BBR thickness over all surfaces of 5mm (especially over the previously patched fixers and washers to prevent thermal bridging or surface blemishes).

12. When the Unitex® BBR coat is dry and fully cured, cut in all expansion joints to penetrations (as detailed on page 12) to relieve potential stress points in walling. In order to reduce substrate movement cracking risk Unitex® strongly recommends more than less joints be cut, and are a must for this system and all rendered walls. Apply Unitex® Uni-Shape™ Sealant to approximately 8-10 mm wide expansion joints and to a depth of approximately 5-7mm (i.e. render thickness needs to be thicker than required mastic depth). Unitex® Uni-Shape™ Sealant is used to provide a flexible waterproof seal at expansion joints for the life of the sealant. NOTE. Baseboard EPS to be hot knife or saw cut to 75% of depth behind expansion joints.

IMPORTANT NOTE (point 12): If the Builder, Owner or Specifier disputes the installation of required expansion joints then Unitex recommends that you obtain written instructions to relieve you of responsibility for potential cracking issues arising from lack of installed expansion joints.

13. Apply Unitex® surface Applied Texture Finish in a tradesman like manner (Unitex® Uni-Trowell Décor) to all rendered Unitex® Uni-Base Board™ surfaces (not over sealant). There are various grades and colours available from fine sand to coarse scratch (graffiato) finishes. When texture coats are dry, apply as needed (or a minimum 2 coats) of Unitex® Uni-PTC Protective Top Coat over all Unitex® Uni-Base Board™ surfaces including sealant joints. Unitex® Uni-PTC is a slightly flexible, matte topcoat which creates ease of cleaning and protection against salty and polluted atmospheres and certain climatic conditions.

IMPORTANT NOTE (point 13): Dry powder unpigmented Unitex® texture coats (Unitex® Texture 800 range) must be over coated with at least two top coats of Unitex® Uni-PTC.

No mastic is to be smeared onto the visible face of the cladding, otherwise discoloration and difficulty painting will occur

14. Leave all adjoining areas and surfaces clean, and remove all protective masking tapes and window protection. Carry out final inspection with a Unitex® Technical Representative for accreditation and warranties.

15. Unitex® Uni-Base Board™ Cavity System has been installed.

with the Unitex® Technical Manual.

UNITEX® UNI-BASE BOARD™ NON-CAVITY SYSTEM

Unitex® Uni-Base Board™ Non-cavity System is to be applied over breathable building paper clad suitable substrate.

1. Seal all the building wrap with Unitex® flashing tape, at all wrap junctions, around all windows, doors and penetrations, from the wrap to the solid adjoining surface.

2. Install Unitex® levelling Base Blocks or starter channels to the base plate of the frame mechanically with class 3 minimum coated screws in a non-marine environment, or stainless steel grade 304 or 416 in a marine environment. Butt ends to be joined and must be back-supported onto base plate or noggin, and adhesively joined with Unitex® Foam Adhesive. Unitex® Base Blocks come in lengths of 2.4 lineal meters x150mm height (approximately), and are base angled for drip protection. The Unitex® Base Block is a starter support to provide a sealed and level edging so that the Unitex® Uni-Base Board™ cut edge is not exposed to the elements and to prevent moisture ingress near ground level.

3. Install the Unitex® Sill Block using Unitex class 3 minimum coated screws to below the window. This is an optional component though technically preferred. The alternative is to use the complete Unitex® Base Board system then coat and render back sills. It is correct practice to always screw to a minimum depth of 25mm in stud or substrate, and into each stud and noggin base plate.

4. Cut Unitex® Uni-Base Board™ (pre-coated) to size and fix Unitex® Uni-Base Board™ to frame with Unitex® screw fixers and washers. Ensure washers are screwed into Unitex® Uni-Base Board™ at a minimum 5mm below board surface and flush over-coat or patch with Unitex® Polymer Render (5-10% cement to be added). Fixings to be approximately 8 fixings per square meter (refer to page 12). Apply Unitex® Adhesive Foam to forward half of butt joint, and between all Unitex® Uni-Base Board™ sheets. Standard sizes and thickness of Unitex® Uni-Base Board™ are 1200mm x 2400 mm at 75mm, 50mm, or 100mm thickness.

5. The Builder to install builder's waterproof flashing between floors, at ground level, parapet metal flashing, and other specified flashings. Builder to install termite protection company system/s.

6. Builder to install waterproof sealing to windows (if required by design). Unitex® recommends Uni-Shape™ Sealant or Unitex® Window Seal Strips. Windows must be protected from trade damage with masking tape and plastic wrap.

7. Install Unitex® supplied corner protection angles of stainless steel 304, or Aluminium, to allow minimum 5mm BBR (Unitex® Base Board Render) thickness to be applied to align with corner protecting Unitex® ex-angles. To be adhesively installed with Unitex® Polymer Render or Unitex® Adhesive Foam. Unitex® Reinforcing Fibreglass Mesh can be installed under or over the Unitex® Ex-angle, and allowing correct minimum render thickness.

8. Apply Unitex® Uni-Mesh IM 250 reinforcing mesh and embed into Unitex® Polymer Render (5-10% cement added) at all Unitex® Uni-Base Board™ junctions. Patch Unitex® washers and buttons to be level with surface using Unitex® Polymer Render (already imbedded into Unitex® Uni-Base Board™ sheets 5mm below surface). Unitex® Polymer Render is the strongest adhesive render from Unitex® and is also used to stop, embed, and adhere the Unitex® corner angles.

Dry-cured is measured as <12% WME.

9. When the Unitex® Uni-Base Board™ surface is dry (12%WME) and acceptable, mix Unitex® BBR as per instructions (on bag), apply and float to true and level surface. Unitex® requires a minimum Unitex® BBR thickness over all surfaces of 5mm (especially over the previously patched fixers and washers to prevent thermal bridging or surface blemishes).

10. When the Unitex® BBR coat is dry and fully cured, cut in all expansion joints to penetrations (as detailed on page 12) to relieve potential stress points in walling. In order to reduce substrate movement cracking risk Unitex® strongly recommends more than less joints be cut, and are a must for this system and all rendered walls. Apply Unitex® Uni-Shape™ Sealant to approximately 8-10 mm wide expansion joints and to a depth of approximately 5-7mm (i.e. render thickness needs to be thicker than required mastic depth). Unitex® Uni-Shape™ Sealant is used to provide a flexible waterproof seal at expansion joints for the life of the sealant. NOTE. Baseboard EPS to be hot knife or saw cut to 75% of depth behind expansion joints.

IMPORTANT NOTE (point 10): If the Builder, Owner or Specifier disputes the installation of required expansion joints then Unitex® recommends that you obtain written instructions to relieve you of responsibility for potential cracking issues arising from lack of installed expansion joints.

11. Apply Unitex® surface Applied Texture Finish in a tradesman like manner (Unitex® Uni-Trowell Décor) to all rendered Unitex® Uni-Base Board™ surfaces (not over sealant). There are various grades and colours available from fine sand to coarse scratch (graffiato) finishes. When texture coats are dry, apply as needed (or a minimum 2 coats) of Unitex® Uni-PTC Protective Top Coat over all Unitex® Uni-Base Board™ surfaces including sealant joints. Unitex® Uni-PTC is a slightly flexible, matte topcoat that provides for ease of cleaning and protection against salty and polluted atmospheres and certain climatic conditions.

IMPORTANT NOTE (point 11): Dry powder unpigmented Unitex® texture coats (Unitex® Texture 800 range) must be over coated with a sealer coat and two top coats of Unitex® Uni-PTC.

No mastic is to be smeared onto the visible face of the cladding, otherwise discoloration and difficulty painting will occur

12. Leave all adjoining areas and surfaces clean, and remove all protective masking tapes and window protection. Carry out final inspection with a Unitex® Technical Representative for accreditation and warranties.

13. Unitex® Uni-Base Board™ Non-cavity System has been installed.

UNITEX® UNI-IB BOARD CAVITY SYSTEM

When choosing bare uncoated EPS sheets for the installation of the Unitex® Base Board Systems, only Unitex® supplied and approved EPS Polystyrene is acceptable under warranty. 50mm thickness is supplied at a minimum of M grade, and 75mm & 100mm is a minimum of SL grade. Unitex® Uni-IB Board Cavity System is to be applied over breathable building paper clad suitable substrate.

1. Seal all the building wrap with Unitex® flashing tape, at all wrap junctions, around all windows doors and penetrations, from the wrap to the solid adjoining surface.

2. After builder has installed flashings, install the Unitex® Cavity Closer to the base of the wall frame. Mechanical fixing with class 3 minimum coated screw or nail min 30 mm into substrate stud/base plate.

3. Install the Unitex® Cavity Battens over appropriately installed and sealed breathable building paper fixed to system approved building frame (studs). The battens to be tacked or temp adhesively (Unitex® Adhesive Foam) fitted to perpendicular line (vertically) of all studs (from cavity closer to top of wall). Top plate to be battened out horizontally to air seal cavity to roof cavity.

4. Install Unitex® levelling Base Blocks to the base plate of the frame adjacent to the Unitex® Cavity Closer, mechanically with class 3 minimum coated screws in a non-marine environment, or stainless steel grade 304 or 416 in a marine environment. Butt ends to be joined and must be back-supported onto base plate or noggin, and adhesively joined with Unitex® Foam Adhesive. Unitex® Base Blocks come in lengths of 2.4 lineal meters x150mm height (approximately), and are base angled for drip protection. The Unitex® Base Block is a starter support to provide a sealed and level edging so that the Unitex® Uni-Base Board™ cut edge is not exposed to the elements and to prevent moisture ingress near ground level.

5. Install the Unitex® Sill Block using Unitex® class 3 minimum coated screws to below the window. This is an optional component though technically preferred. The alternative is to use the complete Unitex® Base Board system then coat and render back sills. Install Unitex® Wedge Head Protectors to meter boxes. It is correct practice to always screw to a minimum depth of 25mm in stud or substrate, and into each stud and noggin base plate.

6. Cut Unitex® Uni-IB Board to size and fix Unitex® Uni-IB Board to frame through battens with Unitex® screw fixers and washers. Ensure washers are screwed into Unitex® Uni-IB Board at a minimum 5mm below board surface and flush overcoat or patch with Unitex® Polymer Render (5-10% cement to be added). Fixings to be approximately 8 fixings per square meter (refer to page 12). Apply Unitex® Adhesive Foam to forward half of butt joint, and between all Unitex® Uni-IB Board sheets. Standard sizes and thickness of Unitex® Uni-IB Board are 1200mm x 2400 mm at 75mm, 50mm, or 100mm thickness.

7. The installed Unitex® Uni-IB Board is now to be fully coated with Unitex® BBR Render, trowel applied and with embedded alkali resistant E-Glass mesh (Uni mesh IM) in 1 meter wide bands and over lapping by 100mm. Thickness of the Unitex® BBR Render mesh-reinforced ground coat is minimum 3mm. Finish surface best broomed rough for following render coat bonding.

8. The Builder to install builder's waterproof flashing between floors, at ground level, parapet metal flashing, and other specified flashings. Builder to install termite protection company system/s.

9. Builder to install waterproof sealing to windows (if required by design). Unitex® recommends Uni-Shape™ Sealant or Unitex® Window Seal Strips. Windows must be protected from trade damage with masking tape and plastic wrap.

10. Install Unitex® supplied corner protection angles of stainless steel 304, or Aluminium, to allow minimum 5mm BBR (Unitex® Base Board Render) thickness to be applied to align with corner protecting Unitex® ex-angles. To be adhesively installed with Unitex® Polymer Render or Unitex® Adhesive Foam. Unitex® Reinforcing Fibreglass Mesh can be installed under or over the Unitex® Ex-angle, and allowing correct minimum render thickness.

11. When the Unitex® Uni-IB Board surface is dry and acceptable, mix Unitex® BBR as per instructions (on bag), apply and float to true and level surface. Unitex requires a minimum Unitex® BBR thickness over all surfaces of 5mm (especially over the previously patched fixers and washers to prevent thermal bridging or surface blemishes).

12. When the Unitex® BBR coat is dry (<12%WME), cut in all expansion joints to penetrations (as detailed on page 12) to relieve potential stress points in walling. In order to reduce substrate movement cracking risk Unitex® strongly recommends more than less joints be cut, and are a must for this system and all rendered walls. Apply Unitex® Uni-Shape™ Sealant to approximately 8-10 mm wide expansion joints and to a depth of approximately 5-7mm (i.e. render thickness needs to be thicker than required mastic depth). Unitex® Uni-Shape™ Sealant is used to provide a flexible waterproof seal at expansion joints for the life of the sealant. NOTE. Baseboard EPS to be hot knife or saw cut to 75% of depth behind expansion joints. No mastic is to be smeared onto the visible face of the cladding, otherwise discoloration and difficulty painting will occur

IMPORTANT NOTE (point 13): If the Builder, Owner or Specifier disputes the installation of required expansion joints then Unitex® recommends that you obtain written instructions to relieve you of responsibility for potential cracking issues arising from lack of installed expansion joints.

13. Apply Unitex® surface Applied Texture Finish in a tradesman like manner (Unitex® Uni-Trowel Décor) to all rendered Unitex® Uni-IB Board surfaces (not over sealant). When texture coats are dry, apply as needed (or a minimum 2 coats) of Unitex® Uni-PTC protective top coat over all Unitex® Uni-IB Board surfaces including sealant joints. Unitex® Uni-PTC is a slightly flexible, usually matte topcoat and provides for ease of cleaning and protection against salty and polluted atmospheres and certain climatic conditions.

IMPORTANT NOTE (point 14): Dry powder unpigmented Unitex® texture coats (Unitex® Texture 800 range) must be over coated with at least two top coats of Unitex® Uni-PTC.

14. Leave all adjoining areas and surfaces clean, and remove all protective masking tapes and window protection. Carry out final inspection with a Unitex® Technical Representative for accreditation and warranties.

15. Unitex® Uni-IB Board Cavity System has been installed.

UNITEX® UNI-IB BOARD NON-CAVITY SYSTEM

When choosing bare uncoated EPS sheets for the installation of the Unitex® base Board Cavity and Non-cavity Systems only Unitex supplied and approved EPS Polystyrene is acceptable under warranty.

Unitex® Uni-IB Board Non-cavity System to be applied over breathable building paper clad suitable substrate.

1. Seal all the building wrap with Unitex® flashing tape, at all wrap junctions, around all windows doors and penetrations, from the wrap to the solid adjoining surface.

2. Install Unitex® levelling Base Blocks to the base plate of the frame mechanically with class 3 minimum coated screws in a non-marine environment, or stainless steel grade 304 or 416 in a marine environment. Butt ends to be joined and must be back-supported onto base plate or noggin, and adhesively joined with Unitex® Foam Adhesive. Unitex® Base Blocks come in lengths of 2.4 lineal meters x150mm height (approximately), and are base angled for drip protection. The Unitex® Base Block is a starter support to provide a sealed and level edging so that the Unitex® Uni-Base Board™ cut edge is not exposed to the elements and to prevent moisture ingress near ground level.

3. Install the Unitex® Sill Block using Unitex class 3 minimum coated screws to below the window. This is an optional component though technically preferred. The alternative is to use the complete Unitex® Base Board system then coat and render back sills. It is correct practice to always screw to a minimum depth of 25mm in stud or substrate, and into each stud and noggin base plate.

4. Cut Unitex® Uni-IB Board to size and fix Unitex® Uni-IB Board to frame with Unitex® screw fixers and washers. Ensure washers are screwed into Unitex® Uni-IB Board at a minimum 5mm below board surface and flush over-coat or patch with Unitex® Polymer Render (5% cement to be added). Fixings to be approximately 8 fixings per square meter (refer to page 12). Apply Unitex® Adhesive Foam to forward half of butt joint, and between all Unitex® Uni-IB Board sheets. Standard sizes and thickness of Unitex® Uni-IB Board are 1200mm x 2400 mm at 75mm, 50mm, or 100mm thickness.

5. The installed Unitex® Uni-IB Board is now to be fully coated with Unitex® BBR Render, trowel applied and with embedded alkali resistant E-Glass mesh (Uni mesh IM) in 1 meter wide bands and over lapping by 100mm. Thickness of the Unitex® BBR Render mesh-reinforced ground coat is minimum 3mm. Finish surface best broomed rough for following render coat bonding.

6. The Builder to install builder's waterproof flashing between floors, at ground level, parapet metal flashing, and other specified flashings. Builder to install termite protection company system/s.

7. Builder to install waterproof sealing to windows (if required by design). Unitex® recommends Uni-Shape™ Sealant or Unitex® Window Seal Strips. Windows must be protected from trade damage with masking tape and plastic wrap.

8. Install Unitex® supplied corner protection angles of stainless steel 304, or Aluminium, to allow minimum 5mm BBR (Unitex® Base Board Render) thickness to be applied to align with corner protecting Unitex® ex-angles. To be adhesively installed with Unitex® Polymer Render or Unitex® Adhesive Foam. Unitex® Reinforcing Fibreglass Mesh can be installed under or over the Unitex® Ex-angle, and allowing correct minimum render thickness.

9. When the Unitex® Uni-IB Board surface, now base coated, is dry and acceptable, mix Unitex® BBR as per instructions (on bag), apply and float to true and level surface. Unitex requires a minimum Unitex® BBR thickness over all surfaces of 5mm (especially over the previously patched fixers and washers to prevent thermal bridging or surface blemishes).

10. When the Unitex® BBR coat is dry and fully cured, cut in all expansion joints to penetrations (as detailed on page 12) to relieve potential stress points in walling. In order to reduce substrate movement cracking risk Unitex® strongly recommends more than less joints be cut, and are a must for this system and all rendered walls. Apply Unitex® Uni-Shape™ Sealant to approximately 8-10 mm wide expansion joints and to a depth of approximately 5-7mm (i.e. render thickness needs to be thicker than required mastic depth). Unitex® Uni-Shape™ Sealant is used to provide a flexible waterproof seal at expansion joints for the life of the sealant. NOTE. Baseboard EPS to be hot knife or saw cut to 75% of depth behind expansion joints.

IMPORTANT NOTE (point 11): If the Builder, Owner or Specifier disputes the installation of required expansion joints then Unitex® recommends that you obtain written instructions to relieve you of responsibility for potential cracking issues arising from lack of installed expansion joints.

11. Apply Unitex® surface Applied Texture Finish in a tradesman like manner (Unitex® Uni-Trowel Décor) to all rendered Unitex® Uni-IB Board surfaces (not over sealant). There are various grades and colours available from fine sand to coarse scratch (graffiato) finishes. When texture coats are dry, apply as needed (or a minimum 2 coats) of Unitex® Uni-PTC protective top coat over all Unitex® Uni-IB Board surfaces including sealant joints. Unitex® Uni-PTC is a slightly flexible, usually matt topcoat and they provide for ease of cleaning and protection against salty and polluted atmospheres and certain climatic conditions.

IMPORTANT NOTE (point 12): Dry powder unpigmented Unitex® texture coats (Unitex® Texture 800 range) must be over coated with at least two top coats of Unitex® Uni-PTC.

No mastic is to be smeared onto the visible face of the cladding, otherwise discoloration and difficulty painting will occur

12. Leave all adjoining areas and surfaces clean, and remove all protective masking tapes and window protection. Carry out final inspection with a Unitex® Technical Representative for accreditation and warranties.

13. Unitex® Uni-IB Board Non-cavity System has been installed.

UNITEX® UNI-BASE BOARD™ NON CAVITY BAL-40 SYSTEM

Unitex® Uni-Base Board™ Non-cavity System to be applied over breathable building paper clad suitable substrate.

1. Seal all the building wrap with Unitex® flashing tape, at all wrap junctions, around all windows doors and penetrations, from the wrap to the solid adjoining surface.

2. Install Unitex® levelling Base Blocks to the base plate of the frame adjacent with class 3 minimum coated screws in a non-marine environment, or stainless steel grade 304 or 416 in a marine environment. Butt ends to be joined and must be back-supported onto base plate or noggin, and adhesively joined with Unitex® Foam Adhesive. Unitex® Base Blocks come in lengths of 2.4 lineal meters x150mm height (approximately), and are base angled for drip protection. The Unitex® Base Block is a starter support to provide a sealed and level edging so that the Unitex® Uni-Base Board™ cut edge is not exposed to the elements and to prevent moisture ingress near ground level.

3. Install the Unitex® Sill Block using Unitex class 3 minimum coated screws to below the window. Install Unitex rectangular Base Blocks around the perimeter of all windows, doors and penetrations. It is correct practice to always screw to a minimum depth of 25mm in stud or substrate, and into each stud and noggin base plate.

4. Cut Unitex® Uni-Base Board™ (pre-coated) to size and fix Unitex® Uni-Base Board™ to frame with Unitex® screw fixers and washers. Ensure washers are screwed into Unitex® Uni-Base Board™ at a minimum 5mm below board surface and flush over-coat or patch with Unitex® Polymer Render (5% cement to be added). Fixings to be approximately 8 fixings per square meter (refer to page 12). Apply Unitex® Adhesive Foam to forward half of butt joint, and between all Unitex® Uni-Base Board™ sheets. Standard sizes and thickness of Unitex® Uni-Base Board™ are 1200mm x 2400 mm at 75mm, or 100mm thickness.

5. The Builder to install builder's waterproof flashing between floors, at ground level, parapet metal flashing, and other specified flashings. Builder to install termite protection company system/s.

6. Builder to install waterproof sealing to Windows (if required by design). Unitex® recommends Uni-Shape™ Sealant or Unitex® Window Seal Strips. Windows must be protected from trade damage with masking tape and plastic wrap.

8. Apply Unitex® Uni-Mesh IM 250 reinforcing mesh and embed into Unitex® Polymer Render (5-10% cement added) at all Unitex® Uni-Base Board™ junctions. Patch Unitex® washers and buttons to be level with surface using Unitex® Polymer Render (already embedded into Unitex® Uni-Base Board™ sheets 5mm below surface). Unitex® Polymer Render is the strongest adhering and sealing render from Unitex® and is also used to stop, embed, and adhere the Unitex® corner angles.

9. When the Unitex® Uni-Base Board™ surface is dry and acceptable, mix Unitex® BBR as per instructions (on bag), apply and float to true and level surface. Unitex requires a minimum Unitex® BBR thickness over all surfaces of 15mm (especially over the previously patched fixers and washers to prevent thermal bridging or surface blemishes). (Total overall coatings thickness including re-inforced base render and top coat, minimum 17.5mm, in 2-3 passes)

IMPORTANT NOTE (Item 9): BAL-29 is achieved with minimum 5mm BBR thickness.

10. When the Unitex® BBR coat is dry (<12%WME) and fully cured, cut in all expansion joints to penetrations (as detailed on page 12) to relieve potential stress points in walling. In order to reduce substrate movement cracking risk Unitex® strongly recommends more than less joints be cut, and are a must for this system and all rendered walls. Apply Unitex® supplied fire rated special Sealant (H.B Fuller Firesound™ mastic) to approximately 8-10 mm wide expansion joints and to a depth of approximately 5-7mm or as per H.B Fuller instructions (i.e. render thickness needs to be thicker than required mastic depth). Unitex® Uni-Shape™ Sealant is used to provide a flexible waterproof seal at expansion joints for the life of the sealant. NOTE. Baseboard EPS to be hot knife or saw cut to 75% of depth behind expansion joints.

IMPORTANT NOTE (point 10): If the Builder, Owner or Specifier disputes the installation of required expansion joints then Unitex recommends that you obtain written instructions to relieve you of responsibility for potential cracking issues arising from lack of installed expansion joints.

11. Apply Unitex® surface Applied Texture Finish in a tradesman like manner (Unitex® Uni-Trowell Décor) to all rendered Unitex® Uni-Base Board™ surfaces (not over sealant). There are various grades and colours available from fine sand to coarse scratch (graffiato) finishes. When texture coats are dry, apply as needed (or a minimum 2 coats) of Unitex® Uni-PTC protective top coat over all Unitex® Uni-Base Board™ surfaces including sealant joints. Unitex® Uni-PTC is a slightly flexible, usually matt topcoat and they provide for ease of cleaning and protection against salty and polluted atmospheres and certain climatic conditions.

IMPORTANT NOTE (point 11): Dry powder unpigmented Unitex® texture coats (Unitex® Texture 800 range) must be over coated with at least two top coats of Unitex® Uni-PTC.

12. Leave all adjoining areas and surfaces clean, and remove all protective masking tapes and window protection. Carry out final inspection with a Unitex® Technical Representative for accreditation and warranties.

No mastic is to be smeared onto the visible face of the cladding, otherwise discoloration and difficulty painting will occur

13. Unitex® Uni-Base Board™ Non-cavity BAL-40 System has been installed.

IMPORTANT NOTE (Item 13): External testing authority (Exova Warringtonfire) has tested the above system and has rated the above system as complying with BAL-40. Please ensure your Applicator and/or Builder follow the above procedure.

UNITEX® UNI-BASE BOARD™ FULLY ACCREDITED SYSTEMS

When specifying accredited systems under CodeMark, BAL 29, and BAL 40 the Specifier is fully protected as the Unitex® Baseboard System is deemed to satisfy all requirements of the Building Code of Australia (BCA/NCC 2019).

Unitex® is proud to be fully accredited by the following professional building industry regulators:

CodeMark – Certificate: CM70007 Non-Cavity System (full system full wall laboratory testing; full manufacturing process & procedures; quality audits). **Accreditation Authority: Bureau Veritas.**

CodeMark – Certificate: CM80002 Cavity System (full system full wall laboratory testing; full manufacturing process & procedures; quality audits). **Accreditation Authority: BRANZ.**

BRANZ – No. 758 (2018) Cavity System (full system full wall laboratory testing)

BRAC – Certificate no. V11/03 Non-cavity System (system document review)

BAL 29 – Certificate no. SFC 2856500.1 (full system with 75mm pre coated Base Board sheets, 8mm Unitex BBR Render, 3mm Unitex® Texture 855, added Unitex® Levelling Base Blocks, added Unitex® Sill Blocks). **Accreditation Authority: Exova Warringtonfire**

BAL 40 – Certificate no. SFC 2830900.1 (full system with 75mm pre coated Base Board sheets, 14.5mm Unitex® BBR Render, 3mm Unitex® Texture 855, no aluminium angles, added Unitex® Levelling Base Blocks, added Unitex® Sill Blocks). **Accreditation Authority: Exova Warringtonfire**

CSIRO (previously – now ceased to be provided)

ABSAC (previously – now ceased to provided)

Unitex® recommends the following specification clause:

Unitex® Baseboard System – CodeMark accredited to comply with the 2019 Building Code of Australia – the leading Australian CodeMark accredited full system.

Unitex® recommends for you and your clients safety and protection to specify Unitex® Baseboard System as your external cladding.
This is because it ALWAYS works, and offers the highest wall insulation R-values available for greener buildings. As the leading fully accredited full cladding system in Australia – your design specification and reputation is firmly protected.

Unitex® Base Board, and all similar Codemark Certified EIFS cladding options, are for use on Class 1 and 10 buildings, no more than 3 stories tall.

Product or System Certification?

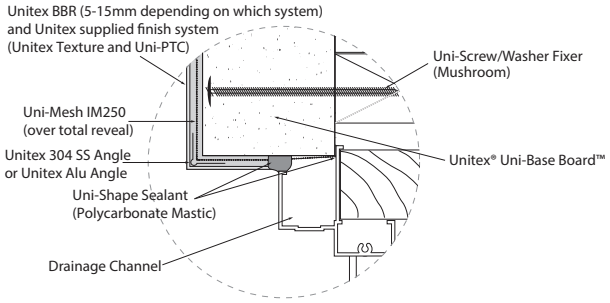
The Australian Building Codes Board (ABCB) cautions against product only Certification.

Full System, tested and within date CodeMark Certification is highly preferred for peace of mind.

All Unitex® CodeMark Certificates, and other accreditation such as BRANZ, BRAC, BAL-29 and BAL-40, are issued for full system cladding. Unitex® uses only reputable Certifiers for accreditation, such as BRANZ, Bureau Veritas, Exova Warringtonfire and VBA.

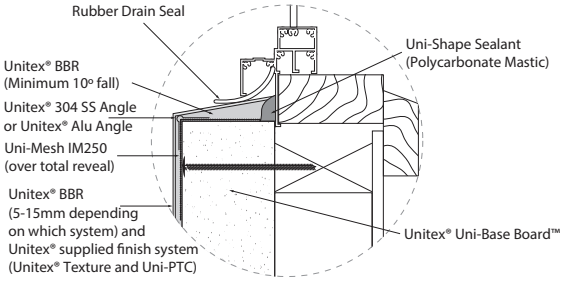
1A

Unitex® Uni-Base Board™: Cross Section of Window Head Edge Reveal - Detail



1B

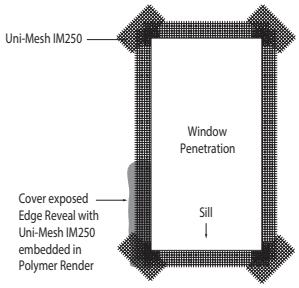
Unitex® Uni-Base Board™: Cross Section view of Window Sill Reveal – Detail



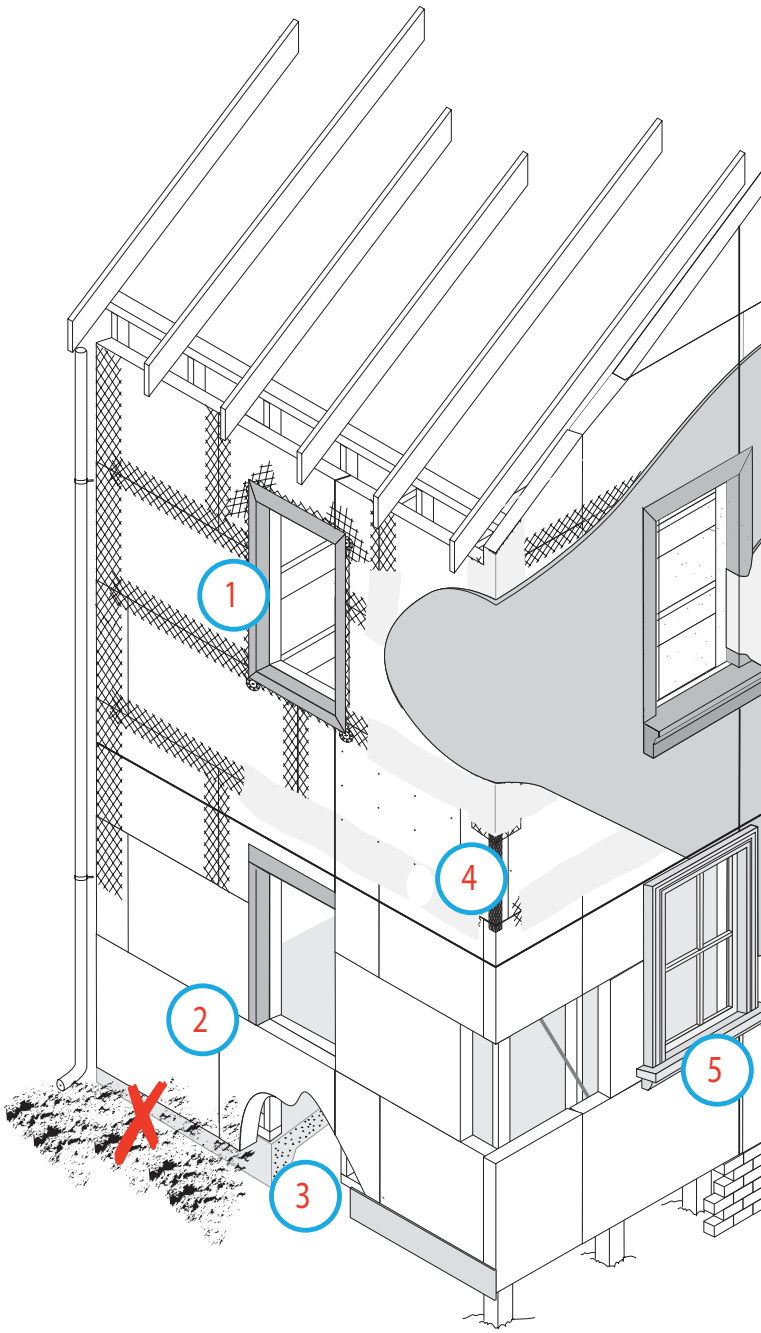
NOTE: For improved strength and rigidity replace above with the optional, and fast & clean install, Unitex Uni-Shape Window Sill Blocks.

1C

Unitex® Uni-Base Board™: Window Edge Reveal – Detail

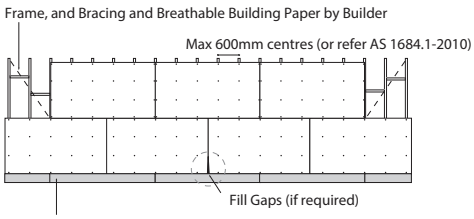


NOTES:
1. Extra Uni-Mesh IM250 reinforcing to all corners doors/windows
2. Control joints always advised to window/door at stress points



2A

Unitex® Uni-Base Board™: Fixing to frame – side elevation

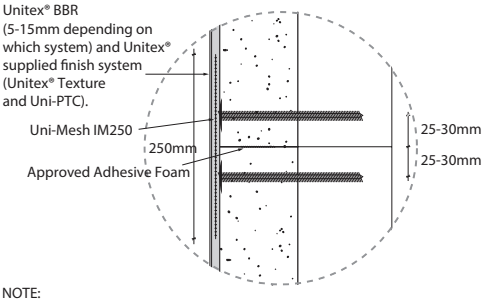


Work from Unitex levelling Base Block upwards General Fixings approx..8/m2 (consult wind load tables for fixer spacings).

NOTES:
1. Uni-Base Boards to be fixed horizontally with staggered joins (common brick pattern)
2. Do not fix sheets vertically
3. Screw Unitex Base Board through Cavity Battens to wrapped frame (Cavity System).

2B

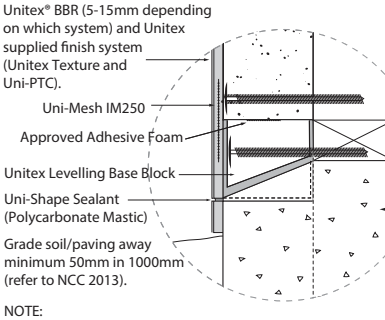
Unitex® Uni-Base Board™: Junction of sheets cross section - Detail



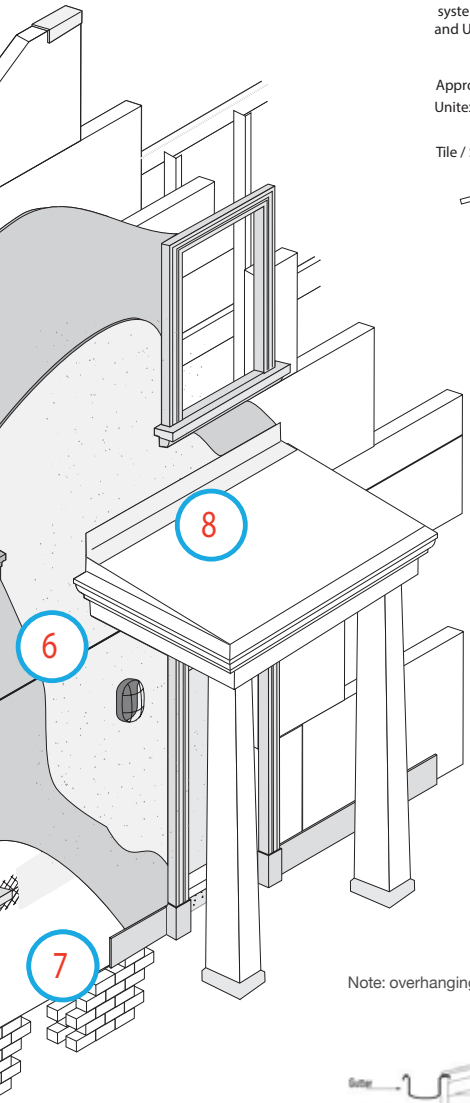
NOTE:
NOTES: Unitex® Uni-Mesh IM250 embedded in Unitex® Polymer Render then over-coated with Unitex® BBR (5-15mm depending on which system) and Unitex® supplied finish system (Unitex® Texture and Uni-PTC).

3

Unitex® Uni-Base Board™: Slab at ground

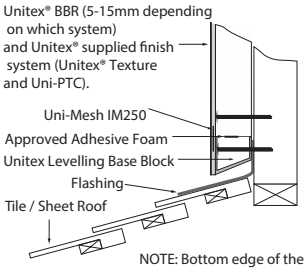


NOTE:
1. Termite protection by builder (and/or 75mm clearance).
2. Do not backfill over Uni-Base Board.
3. Slab to conform to local regulations.



8

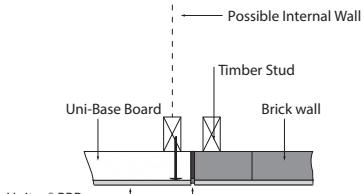
Unitex® Uni-Base Board™: Second storey



NOTE: Bottom edge of the Unitex Base Board should never be left exposed to the weather.

7

Unitex® Uni-Base Board™: Dissimilar substrates Expansion Joints (vertical)



Unitex® BBR (5-15mm depending on which system) and Unitex® supplied finish system (Unitex® Texture and Uni-PTC).

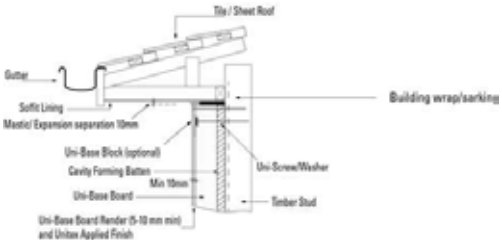
Uni-Shape Sealant (Polycarbonate Mastic) and Backer Rod

5/6

Unitex® Uni-Base Board™: Guide for Control/Expansion Joints – Front elevation (use same principles for other elevations)

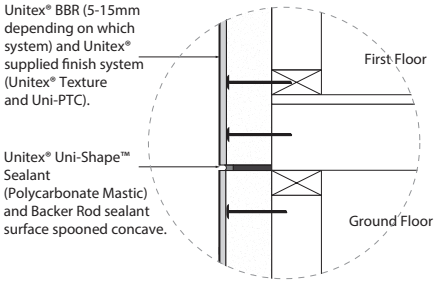
NOTES:
1. Use this drawing if no other information available.
2. Expansion/Control Joints are required for every elevation and between floor levels
3. At all dissimilar substrate material junctions expansion/control joints must be installed eg brick to Uni-Base Board, block to Uni-Base Board (refer to Detail 7).
4. Vertical expansion joints are recommended every 6-8m minimum (refer Builder).

Note: overhanging eaves are considered the best wall protection.



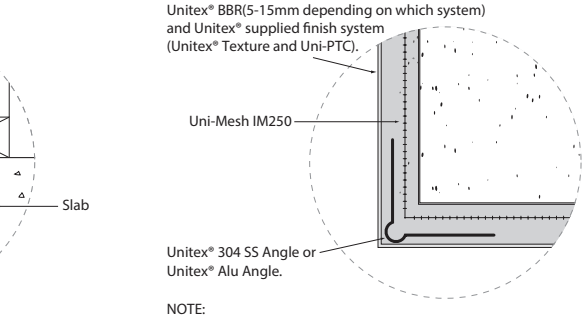
6

Unitex® Uni-Base Board™: Control Joints (horizontal)



4

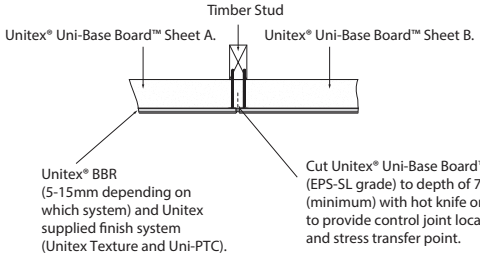
Unitex® Uni-Base Board™: Corner detail – plan view



NOTE:
NOTE: Uni-Mesh IM250/200 embedded in Unitex® BBR and either under (preferred) or over Unitex Unitex® 304 SS Angle or Unitex Unitex® Alu Angle.

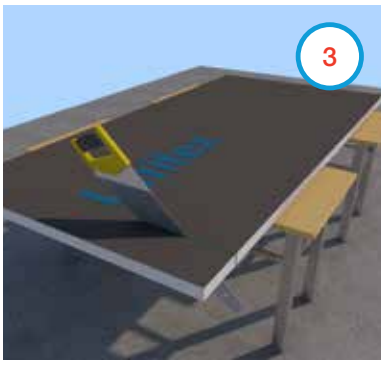
5

Unitex® Uni-Base Board™: Control Joints (vertical) – plan view



Unitex® Levelling Base Block (optional aluminium starter channel)
Start by levelling and mechanically fixing the Unitex® Levelling Base Block (over cavity closer and EPS battens) to a suitable frame with breathable building foil (min. studs 600 mm centres). Use Uni-Screw/Washer Fixers at least 25 mm longer than the thickness of the Unitex® Uni-Base Board™ and fix to the base of the framing. (Cavity depicted)

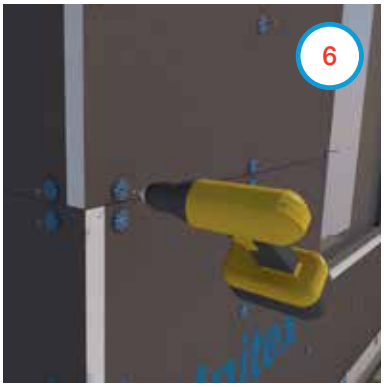
Seal windows and measure openings
Seal windows to wrap with ducting/aluminium tape and apply Uni-Shape Sealant mastic to window frames as required. Where openings (windows and/or doors) penetrate the wall elevation, measure off wall and transfer these measurements to the Unitex® Uni-Base Board™. (Cavity depicted)



Cut Uni-Base Board to size
It's always a good idea to measure twice and cut once. After measuring the wall and marking-up Unitex® Uni-Base Board™, saw cut to size. Cut either manually or with an electric saw. All waste pieces and sawing scrap should be bagged and binned or returned to Unitex for reprocessing.

Fixing Uni-Base Board
Unitex® Uni-Base Board™ should be held securely to the studs of the framing. Install extra blocking and/or noggings if required so that the sheets are held firmly. Use eight (8) Uni-Screw/Washer Fixers per square metre. All sheet to sheet junctions are to fit snugly together with no open gaps.

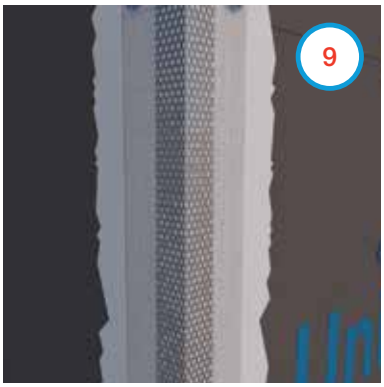
Unitex® Uni-Base Board™ to Unitex® Uni-Base Board™ (return edges/sealing)
Once the first sheet has been fixed, apply Unitex® Adhesive Foam from a gun to all edges (front half of edge) of the Unitex® Uni-Base Board™ that come in contact with the next installed sheet. Ensure that there are no gaps between the sheets and that sheets are level.



Laying out Unitex® Uni-Base Board™
Stagger all joints as per a common bond brick pattern. At the corners, stagger the sheets, overlap as shown above. Corners may require extra studs for added strength and rigidity. Use extra Uni-Screw/Washer Fixers if required.

Sealing at windows
Apply Uni-Shape Sealant mastic to the rear of Unitex® Uni-Base Board™ adjacent to the window frame around the window. Cut Unitex® Uni-Base Board™ so that it is 5 mm clear of window frame and a minimum of 20 mm free of the frame at the window sill. Cut the window sill on an angle to allow for ~10° slope/fall. Surface mastic sealing (see Diagrams 1A, 1B & 1C) or alternatively pre-made Uni-Shape™ Window Sill Blocks.

Window and corner protection
All windows and corners are to be extra reinforced with Uni-Mesh IM250 (250 mm) patches overlapping into reveals. The fibreglass mesh should return and cover the reveal and can be installed under or over the Uni-304 SS Angle/Alu Angle and into wall face for a minimum 125 mm. (In this case mesh is under the Uni-304 SS Angle/Alu Angle).



Edge protection for Uni-Base Board
(refer to the Unitex® Uni-Base Board™ System Technical Manuals for variations, at www.unitex.com.au
All Unitex® Uni-Base Board™ edges are to be further protected with the Uni 304 SS Angle/Alu Angle embedded in Unitex® Polymer Render(5% - 10% cement). They must be full lengths from corner to corner and also overlap at the corners.

Reinforcing mesh to junctions
Unitex® Uni-Base Boards™ are supplied pre-meshed so all Unitex® Uni-Base Board ™ to Unitex® Uni-Base Board™ junctions are to be like reinforced with Uni-Mesh IM 250 embedded in minimum 2 -3 mm Polymer Render + (5% - 10% cement). The mesh should extend 125 mm on each sheet.

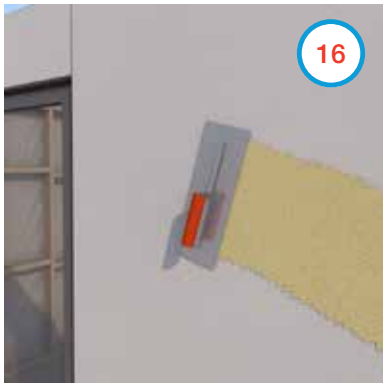
Mixing Uni-Base Board Render
(Apply when dry or minimum 24 hours after Unitex® Polymer Render application)
Unitex® BBR is supplied in 8.5 & 20kg bags. Simply add approximately 4 litres of clean water to a clean 15 litre pail and slowly add Unitex® BBR while drill mixing to form an homogenous mix (free of lumps). The render viscosity should suit a 5-10 mm build coat.

Applying Unitex® BBR
Using a Hawk and Trowel or Render Spray Machine, apply Uni-Base Board Render evenly over the surface to the required depth (normally 5-10mm).
Note: Unitex® BBR is a medium build product, for a thicker high build system (up to 15+mm) apply a second coat over set Unitex® BBR.

Floating Unitex® BBR
As the Unitex® BBR surface sets, finish level with a plastic float to the exactness required to accept the next coat. Allow to set, dry and cure for 72 hours (min.) before applying a Unitex® Textured Finish. There are many grades and styles of Unitex® Textured Finishes available.

Unitex® Base Board window reveals
Window reveals to be coated to 7.5 mm depth (min). Sills should fall/slope approx. 8-10º to prevent water flowing back. Window sill rubber flap (supplied with window) needs to remain clean, free and intact. Note: Unitex® supplies pre-made Window Sill blocks to simplify this process. Always protect and cover the adjoining surfaces before application.

Expansion and Control Joints
Unitex® Uni-Base Board™ is either direct fix or cavity fix to an existing frame or surface. Expansion and control joints are essential in all Unitex® Uni-Base Board™ Systems and are recommended at a maximum every 6-8m and between floor levels. After internal fit-out extra movement joints may be required.



Unitex® Textured Finishes over Unitex® Uni-Base Board™. Apply when fully dry (or min. 72 hours) after Unitex® BBR.
Uni-Trowel Décor is an easy to apply textured and pigmented surface applied finish. The Unitex® Uni-Cote range of powder-based Textured Applied Finishes can be used. Note: These must be suitably over-coated with Unitex® Uni-PTC (Or Unitex® Uni-Flex Membrane) pigmented sealing surface finishes (refer to Unitex® Renders and Finishes Manual).

Proven system – technical back-up
Freecall 1800 647 374 and a Unitex technical representative will provide a no obligation quote. Unitex® can recommend an Accredited Installer for you to select.

A Unitex® technical representative is on call to visit your site and advise on correct installation, texture and colour, as well as warranty sign off.

Unitex® Uni-Base Board™ for peace of mind
Unitex® Uni-Base Board™ when installed as above (in accordance with the Unitex® Uni-Base Board™ System Cavity and Non-cavity Technical Manuals – available on www.unitex.com.au) is fully accredited via BRAC, BRANZ and CodeMark for your total peace of mind. Unitex® Uni-Base Board™ is quick and easy but does require a team effort:
- Quality Substrate (by Builder)
- Accredited highest quality System (Unitex®)
- Experienced Accredited Tradespeople (to install and finish)

When the job is done right, Unitex® backs-up the Unitex® Uni-Base Board™ System with a 7 year warranty.

Confidence and trust

The Unitex® customer can be assured that the Unitex® Uni-Base Board™ System is the highest quality lightweight EIFS cladding system available. This confidence comes from a 30+ year history of supplying defect free EIFS systems to the Australian professional builder market as well as extensive accreditations (BRAC, BRANZ, CodeMark and BAL-40) for Unitex® Uni-Base Board™ Systems. Unitex are the premier Australian manufacturer of quality systems, industry longevity and assurances.

Technical support

The Unitex® experienced Technical Representatives are on call to visit your site and advise on correct installation, texture and colour. And the all important technical site related issues.

A quotation service is available using your electronically supplied elevation & floor plans. Unitex® can quote supply only or arrange for a supply and install quote from a Unitex® Accredited Applicator.

Warranty Details

Unitex® Australia Pty Ltd provides a 7 (seven) year warranty for defective product only (product replacement only) against the Unitex® Uni-Base Board™ complete system, providing all components are of the Unitex® quality specified and are applied strictly according to the guidelines laid down in the 'Technical Manual Unitex Base Board System, Cavity & Non-Cavity, https://www.unitex.com.au/application-manuals/'. The Technical manuals must be read and understood before installing Unitex Base Board System. Unitex® Australia Pty Ltd cannot be held responsible, and hence no warranty applies, if the Unitex® Uni-Base Board™ System (and its components) are not supplied and installed according to the guidelines and in an appropriate location onto an appropriate substrate.

The selection of an Applicator (to install the Unitex® Uni-Base Board™ System) is the clients' responsibility. Unitex® can arrange a quotation from Unitex® Accredited Applicators/Installers. Unitex® strongly recommends previous workmanship be inspected before contracting an Applicator/Installer. A minimum of 3 (three) recently completed jobs should be checked first-hand by the client. As advised above, insufficient or inadequate construction expansion joints could lead to cracking of the Unitex® Uni-Base Board™ System. We reaffirm that, whilst we provide recommendations as to their locations and treatment within the Unitex® Uni-Base Board™ System (refer to drawings, p. 10-11), this is not covered by the warranty. The placement of expansion joints is ultimately the responsibility of the Builder/ Engineer/Specifier and not Unitex® Australia Pty Ltd.

Warranty is null and void if product is not installed in accordance with the guidelines set out in this manual (together with the full 'Technical Manual Unitex® Uni-Base Board™ System, Cavity & Non-Cavity, https://www.unitex.com.au/application-manuals/') or if any non-approved Unitex® or substituted product is used.

Specifier's Clause

The external façade (External Insulation Finishing System – EIFS) shall conform to the National Construction Code (NCC 2019) with CodeMark® accreditation. The Unitex® Uni-Base Board™ System is specified and conforms to the NCC 2019. It shall have the following characteristics:

1. Soft-body impacts minimum of 20 joules.
2. Minimum Unitex® coating thickness of Unitex® Uni-Base Board™ System of no less than 8mm (minimum 17.5mm for BAL 40).
3. Unitex® pre-made Base Blocks or starter channels to protect at ground level and first floor roof levels and between floor levels in multi-story (zero EPS sheet edges exposed).
4. Complete wall R-value tested result of 2.6 (based on 75mm Unitex® Uni-Base Board™ fitted over typical stud framing).
5. Expansion joints to be specified to allow for normal substrate movement.

Plan Note: Unitex® Base Board Cladding System (Cavity, Non-Cavity, BAL-29 or BAL-40)

The system shall be supplied by Unitex® Australia Pty Ltd and shall be installed as per the Unitex® Uni-Base Board™ System 'Technical Manual, Unitex® Uni-Base Board™ System, Cavity & Non-cavity, November 2018' by accredited trades installers and applicators.

Unitex® Australia Pty Ltd is a Sto SE & Co. KGaA subsidiary.

YOUR WALLS OUR PRIDE

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