BRANZ Appraised
Appraisal No.758 [2011]

Exova
Warringtonfire
CERTIFIED BAL-29

Exova
Warringtonfire
CERTIFIED BAL-40

Accredited
BRAC
1/108876

CODEMARK™
Certificate No. CM20026

# Unitex Systems Checklist

## Builders & Building Surveyors

**Unitex**®

YOUR WALLS
OUR PRIDE

# Overview

Unitex is proudly an Australian manufacturer, utilising local technology with our own in-house chemists, designing innovative products suitable for the Australian market. A family owned business, with the founding directors continuing to lead the company with innovative product lines. Unitex is considered by Australia-wide industry experts as the premier product coatings system for external façades. This has been achieved by more than 30 years of history in coatings, mouldings and insulation cladding (Unitex Base Board – awarded BRAC, BRANZ and CodeMark system accreditations) for award winning commercial and housing projects nation wide.

Our customers value the technical on-site expertise of our in-house trained Technical Sales staff. Along with over 100 years combined knowledge and hands-on experience from the senior team, this know-how assures our customers of guaranteed first class product quality and service across the entire organisation.

# Building Surveyors

1. For your proof of compliance of the specified Unitex Base Board System to the NCC (also known as BCA) ensure you have obtained from the Builder both the signed Unitex Site Completion and Compliance Form and the signed       Unitex Product Purchase Conformance Sheet.
2. Refer to the Unitex Technical Manuals at www.unitex.com.au for a step-by-step process with regards to installation and application of Unitex product systems.
3. Please contact Unitex Head Office on 1800 RENDER for any further queries.

# Render and Texture System

1.  Read in full and understand the Unitex Granular Marble Pty Ltd Application & Fixing Guide for Unitex Masonry Coatings Systems (available online at www.unitex.com.au/application-manuals) for the application of Renders and Textures.

2.  Ensure the masonry or cladding system substrate is acceptable, i.e. clean, dust-free and dry (moisture meter test, <12%WME), for the Unitex Render System to the specific substrate.

3.  Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.

4.  Prior to Installation, the Installer is to provide the Builder with Unitex Product Purchase Conformance Sheet for site specific stated square meter contract. (Unitex requires Builders email contact and the site address).

5.  Prior to installation, the Installer protects all windows, openings and adjoining surfaces etc with plastic proprietary system.

6.  Ensure all substrate weep holes have been installed by a brick layer and carry through the render (100mm approximately and all in-line and in level, same height and width). Ensure all substrate expansion joints are un-bridged and open and can carry through the render.  Cut expansion joints around perimeter at slab/brick junction, weep holes to fit into this joint.

7.  Do not back fill soil over Unitex coatings.

8.  Render base coats must be applied thickly enough to hide all substrate irregularities and varying absorptions (with or without preconditioning with Unitex Cembond Substrate Sealer).

9.  To allow for unknown substrate movement the builder must provide regular expansion and contraction joints in the masonry substrate as required by the building to prevent movement cracking through the render.

10.  Unitex feature profiles must be mechanically (and adhesively) fixed through the system to the substrate frame/masonry.

11.  Prior to required final pigmented Protective Top Coats (2 coats) of Unitex PTC ensure render & texture totally dry all other trade works (landscaping, tiling etc) are complete to prevent damage and defect in final fresh surface.

12.  Contact your dedicated Unitex Sales Representative for Unitex site completion and compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.

13.  The above stipulated form (12) along with the Unitex Product Purchase Conformance Sheet (4) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.

# Base Board Cavity System

1. Read in full and understand the Unitex Granular Marble Pty Ltd Application Manual for the Base Board Cavity System (available online at ww.unitex.com.au/application-manuals).

2. Ensure the substrate frame is acceptable to carry the Unitex Base Board system (true & level, well braced, studs and noggins at less than maximum allowable centres and building paper installed and sealed as per manual).

3. Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.

4. Prior to Installation, the Installer is to provide the Builder with Unitex Product Purchase Conformance Sheet for site specific stated square meter contract.  (Unitex requires the builders email address and site address).

5. Prior to installation, the Installer protects all windows, openings and adjoining surfaces etc with plastic proprietary system.

6. Install Unitex Cavity Closer (horizontal) and Unitex supplied battens (vertical) to all studs through breathable building paper. Also install Unitex supplied battens horizontally along top plate to ensure air seal to roof cavity.

7. Ensure protective Base Blocks are fitted to base of all walls both ground floor and upper floors (leaving nil exposed foam).

8. Ensure that the system is installed minimum 75mm above ground level and all Base Boards are installed horizontally.

9. Embed Unitex approved washers minimum 3mm into Base Board surface and stop with Unitex Polymer Render.

10. Base Board Render (BBR 8.5kg) coating thickness must be minimum 5mm over already stopped up fixing washers.

11. To allow for unknown sub frame movement Unitex requires 75% cut-through expansion joints (Unitex Polycarbonate Mastic) to all penetrations, internal corners, between dissimilar substrates, between floor levels, and regularly at 4-6 meter distance around the perimeter of the building (vertically).

12. Unitex feature profiles must be mechanically (and adhesively) fixed through the system to the substrate frame/masonry.

13. Prior to required final pigmented Protective Top Coats (2 coats) of Unitex PTC ensure all other trade works (landscaping, tiling etc) are complete to prevent damage and defect in final fresh surface.

14. Contact your dedicated Unitex Sales Representative for Unitex site completion and compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.

15. The above stipulated form (14) along with the Unitex Product Purchase Conformance Sheet (4) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.

# Base Board Non-Cavity System

1. Read in full and understand the Unitex Granular Marble Pty Ltd Application & Fixing Guide for the Base Board Non-cavity System (available online at http://www.unitex.com.au/application-manuals/).

2. Ensure the substrate frame is acceptable to carry the Unitex Base Board system (true & level, well braced, studs and noggins at less than maximum allowable centres and breathable building paper installed and sealed as per manual).

3. Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.

4. Prior to Installation, the Installer is to provide the Builder with Unitex Product Purchase Conformance Sheet for site specific stated square meter contract. (Unitex requires the Builders email address and site address).

5. Prior to installation, the Installer protects all windows, openings and adjoining surfaces with plastic proprietary system.

6. Ensure protective Base Blocks or Unitex approved aluminium channels are fitted to base of all walls both ground floor and upper floors (leaving nil exposed foam).

7. Ensure that the system is installed minimum 75mm above ground level and all Base Boards are installed horizontally.

8. Embed Unitex approved washers minimum 3mm into Base Board surface and stop with Unitex Polymer Render.

9. Base Board Render (BBR 8.5kg) coating thickness must be minimum 5mm over already stopped up fixing washers.

10. To allow for unknown sub frame movement Unitex requires 75% cut-through expansion joints (Unitex Polycarbonate Mastic) to all penetrations, internal corners, between dissimilar substrates, between floor levels, and regularly at 4-6 meter distance around the perimeter of the building (vertically).

11. Unitex feature profiles must be mechanically (and adhesively) fixed through the system to the substrate frame/masonry.

12. Prior to required final pigmented Protective Top Coats (2 coats) of Unitex PTC ensure all other trade works (landscaping, tiling etc) are complete to prevent damage and defect in final fresh surface.

13. Contact your dedicated Unitex Sales Representative for Unitex site completion and compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.

14. The above stipulated form (13) along with the Unitex Product Purchase Conformance Sheet (4) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.

# Uni-shape Architectural Profiles

1.  Read in full and understand the Unitex Granular Marble Pty Ltd Application & Fixing Guide for Unitex Architectural Profiles (available online at www.unitex.com.au/application-manuals) for the application of Uni-shape Architectural Profiles.

2.  Ensure the substrate frame or masonry surface is acceptable, i.e. stable, clean, true & level, and dry, prior to installation.

3.  Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.

4.  Prior to Installation, the Installer is to provide the Builder with Unitex Product Purchase Conformance Sheet for site specific stated  meter contract.

5.  Prior to installation, the Installer protects all windows and openings with plastic proprietary system.

6.  Uni-shape Architectural Profiles are installed after Unitex Render Levelling System is complete but prior to Unitex texture coat and final Unitex PTC application.

7.  Measure from wall and prior to installation pre drill Uni-shape Architectural Profiles on flat level surface.

8.  Once mechanically installed ensure fixings are adequate and all perimeter Profile to wall surface junctions are correctly sealed both behind and front with Unitex Polycarbonate Sealant.

9.  To allow for substrate movement all Profile and Profile junctions must be installed to act as true expansion joints with backer rods and Unitex Polycarbonate Mastic (see manual fixing instructions). DO NOT bridge over wall expansion joints (i.e. cut-through). NB: UPC Patching Putty is only used for patching of screw holes and patching surface blemishes.

10. Ensure the Uni-shape Architectural Profiles are coated only with Unitex PTC (plus sand) to colour of your choice (2-coat minimum).

11. Contact your dedicated Unitex Sales Representative for Unitex site completion and compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.

12. The above stipulated form (11) along with the Unitex Product Purchase Conformance Sheet (4) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.

# Uni-shape Architectural Columns *(non load bearing)*

1.  Read in full and understand the Unitex Granular Marble Pty Ltd Application & Fixing Guide for Unitex Architectural Columns (available online at www.unitex.com.au/installation-manuals) for the application of Uni-shape Architectural Columns.
2.  Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.
3.  Prior to Installation, the Installer is to provide the Builder with Unitex Product Purchase Conformance Sheet for site specific stated contract.
4.  Ensure the Uni-shape Architectural non-load bearing Columns are fit for purpose/void size to receive the load bearing member.
5.  Make sure Uni-shape Capitals and Bases are co-installed when sleeving structural member and held in place with soft wedge to prevent damage to column.
6.  Confirm that the structural member is fixed to soffit and base.
7.  Carry through ground surface finishes (ie screeds and tiling etc.) prior to lowering Uni-shape Architectural Column and Bases into position.
8.  Ensure the Uni-shape Capital and Base are set evenly and mechanically fixed to the Uni-shape Column. UPC100 (Unitex Patching Compound) to drill holes.
9.  Unitex Mastic Seal junction between Uni-shape Column and Rings with Unitex Sealant (nominally 5mm).
10. Ensure the Uni-shape Architectural Columns are coated only with Unitex PTC to the colour of your choice (2-coat minimum).
11. Contact your dedicated Unitex Sales Representative for Unitex site completion and compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.
12. The above stipulated form (11) along with the Unitex Product Purchase Conformance Sheet (3) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.

## Uni-shape Architectural Columns

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# Base Board BAL-29 System

1.  Read in full and understand the Unitex Granular Marble Pty Ltd Application & Fixing Guide for the Base Board Non-cavity System (available online at http://www.unitex.com.au/application-manuals/).

2.  Ensure the substrate frame is acceptable to carry the Unitex Base Board system (true & level, well braced, studs and noggins at less than maximum allowable centres and breathable building paper installed and sealed as per manual).

3.  Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.

4.  Prior to Installation, the Installer is to provide the Builder with Unitex Product Purchase BAL-29 Conformance Sheet for site specific stated square meter contract.  For BAL-29 sign off, all Unitex system components must be delivered to the project site (and recorded).

5.  Prior to installation, the Installer protects all windows, openings and adjoining surfaces  with plastic proprietary system.

6.  Ensure protective Base Blocks or Unitex approved aluminium channels are fitted to base of all walls both ground floor and upper floors (leaving nil exposed foam).

7.  Ensure that the system is installed minimum 75mm above ground level and all Base Boards are installed horizontally.

8.  Embed Unitex approved washers minimum 3mm into Base Board surface and stop with Unitex Polymer Render.

9.  Base Board Render (BBR 8.5kg) coating thickness must be minimum 5mm over already stopped up fixing washers.

10.  To allow for unknown sub frame movement Unitex requires 75% cut-through expansion joints (Unitex Polycarbonate Mastic) to all penetrations, internal corners, between dissimilar substrates, between floor levels, and regularly at 4-6 meter distance around the perimeter of the building (vertically).

11.  Unitex feature profiles must be mechanically (and adhesively) fixed through the system to the substrate frame/masonry.

12.  Prior to required final pigmented Protective Top Coats (2 coats) of Unitex PTC ensure all other trade works (landscaping, tiling etc) are complete to prevent damage and defect in final fresh surface.

13.  Contact your dedicated Unitex Sales Representative for Unitex site completion and BAL-29 compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.

14.  The above stipulated form (13) along with the Unitex Product Purchase BAL-29 Conformance Sheet (4) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.

# Base Board Non-Cavity BAL-40 System

1.  Read in full and understand the Unitex Granular Marble Pty Ltd Application & Fixing Guide for the Base Board BAL-40 System (available online at http://www.unitex.com.au/application-manuals/).

2.  Ensure the substrate frame is acceptable to carry the Unitex Base Board system (true & level, well braced, studs and noggins at less than maximum allowable centres and breathable building paper installed and sealed as per manual).

3.  Ensure the Installer is Unitex Accredited at quotation stage and nominates the complete system on the Installers quotation.

4.  For Unitex Base Board Non-Cavity BAL-40 System sign off, prior to installation the following must be completed: the Installer is to provide the Builder with Unitex Product Purchase BAL-40 Conformance Sheet for site specific stated square meter contract. A Unitex Technical Representative must inspect the project site and frame for compliance.  All Unitex system components must be delivered to the project site (and recorded).

5.  Prior to installation, the Installer protects all windows, openings and adjoining surfaces with plastic proprietary system.

6.  Ensure protective Unitex Base Blocks are fitted to the base of all walls both ground floor and upper floors (leaving nil exposed foam).  All penetrations are to be similarly protected around the perimeter with made to order sil and architrave Unitex Base Blocks.

7.  Ensure that the system is installed minimum 75mm above ground level and all Base Boards are installed horizontally.

8.  Embed Unitex approved washers minimum 3mm into Base Board surface and stop with Unitex Polymer Render.

9.  Base Board Render (BBR 8.5kg) coating thickness must be minimum 15mm over already stopped up fixing washers.

10.  To allow for unknown sub frame movement Unitex requires 75% cut-through expansion joints (Unitex Polycarbonate Mastic) to all penetrations, internal corners, between dissimilar substrates, between floor levels, and regularly at 4-6 meter distance around the perimeter of the building (vertically).

11.  Prior to required final pigmented Protective Top Coats (2 coats) of Unitex PTC ensure all other trade works (landscaping, tiling etc) are complete to prevent damage and defect in final fresh surface (total overall coatings thickness, including re-inforced base render and top coat, minimum 17.5mm).

12.  Contact your dedicated Unitex Sales Representative for Unitex site completion and BAL-40 compliance form sign off (Technical Manager is the only valid compliance signature). Sign off will only be granted once complete payment has been made to Unitex directly and/or Unitex Accredited Contractor.

13.  The above stipulated form (12) along with the Unitex Product Purchase BAL-40 Conformance Sheet (4) is to be provided as proof of conformance for the Unitex system on the nominated site to the Building Surveyor.