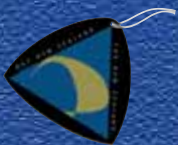


ROCKCOTE

s y s t e m s

MASONRY RENDER SYSTEM

Plaster over
solid filled concrete
block



September
2010

www.rockcote.co.nz

0800 50 70 40

ROCKCOTE MASONRY

RENDER SYSTEM

WHAT IS The.....

Rockcote **Masonry Render System?**

A Decorative Render System designed to meet your needs. Modern architectural trends place tremendous demands on the building envelope. Rockcote Masonry Render System offers the flexibility to meet these demands in a cost effective manner; combining a wide variety of textures with the extensive palette of the Resene Total Colour System.

New or existing Brick/Block work

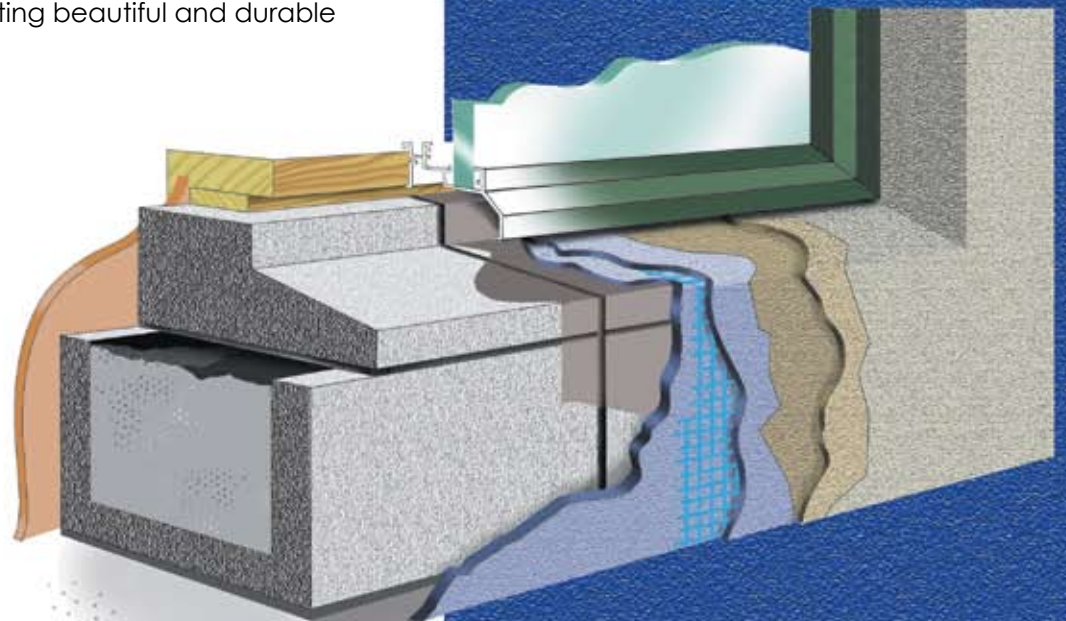
This system has been developed for use over varying substrates i.e. Masonry, Concrete block or Brick, new or existing.

Proven Technology

The Rockcote Masonry Render System is a composite fibreglass reinforced exterior Plaster finish, weather protected base and low maintenance, with versatile finishes. Rockcote components feature unique properties to ensure the durability and integrity of the system.

Attractive and Durable

This System carries our written 15 year Product Performance Warranty and a 5 year Workmanship Warranty from your Registered Plasterer(s), creating beautiful and durable exteriors you can trust.



System Features:

- Hand Plastered
- Fibreglass reinforced
- Onsite Assistance Programme
- Registered Plasterer Installation
- MyHome Maintenance guide
- Resene Total Colour System



ROCKCOTE

© systems

*Solutions in
Plaster*

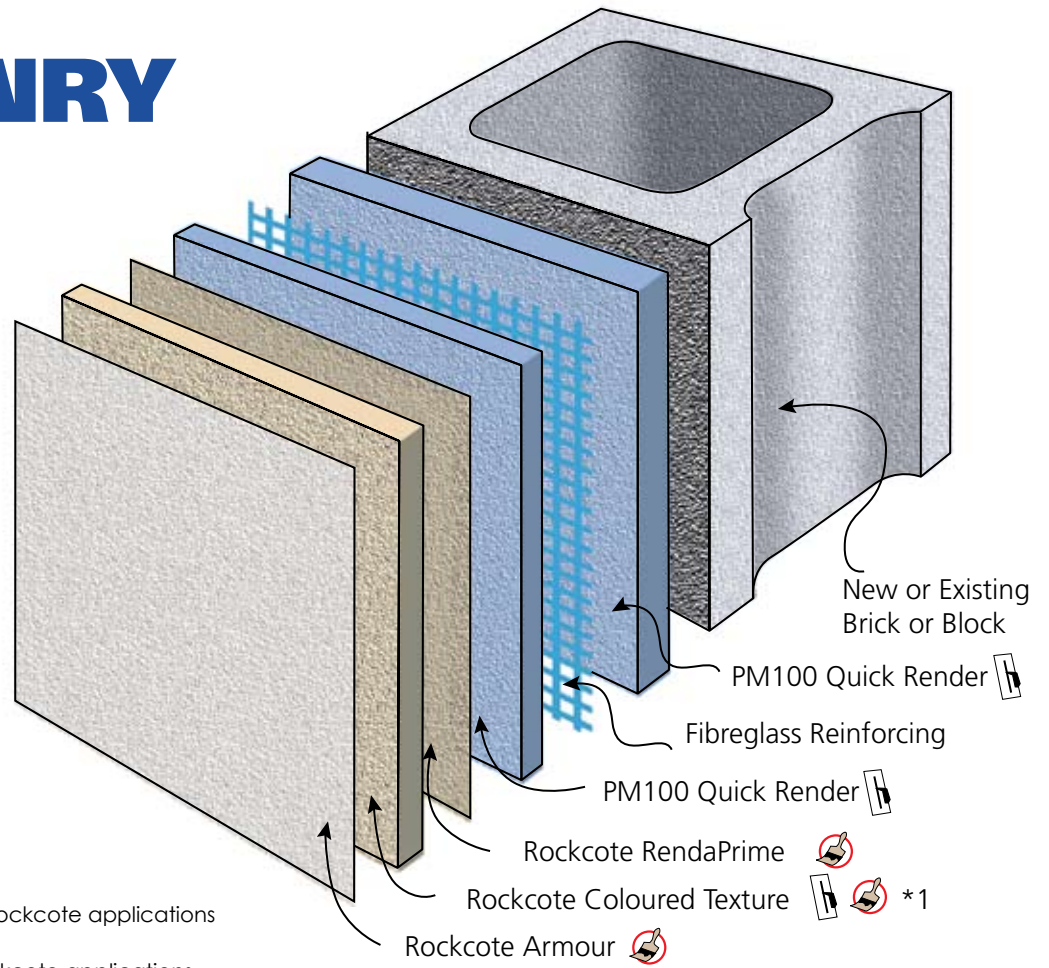
Resene
Group Company



ROCKCOTE MASONRY

RENDER SYSTEM

*1 Rockcote uncoloured Mineral (sand & cement) texture finishes are available upon request. Rockcote Specifications require that mineral texture finishes are painted with a Rockcote Systems approved 3 coat paint system.



Indicates Hand Plastered Rockcote applications
 Indicates pre-coloured Rockcote applications

	Integra Cavity	EPS Cavity	Insulated Masonry	Masonry Block	Monotek	LifeRock	Brick	ICF (Polystyrene Blocks)	Tilt Panel	Milano interior
Insulated		○	○					○		
Impact Resistance	○			●	○	○	○		○	
Acoustic	○			●			○	○	○	
Resene Colours	○	○	○	●	○	○	○	○	○	○
BRANZ	○	○			○	○				
Fire Tests	○	○	○	●	○	○	○	○	○	○
FPB	○	○	○	●	○	○	○	○	○	○
Full Render System	○	○	○	●		○	○	○		
Substrate supplied	○	○	○							
Acrylic Texture	○	○	○	●	○	○	○	○	○	
Mineral Texture	○	○	○	●		○	○	○	○	○
Cavity System	○				○					
GreenSite	○	○	○	●	○	○	○	○	○	
Masonry Construction			○	●				○	○	
Window Reveals	○	○	○	●			○	○	○	

Rockcote Masonry Render System Specification

1. General

1.1 Rockcote Render System Information

Substrate : Masonry Block - Concrete Block
Coating System : Standard Render (6-8mm Meshed)
Finish : Rockcote Acrylic Based Texture - Classico Swirl

1.2. Description

2. Building Code Compliance

If the project has a building consent then the following clauses apply.

2.1. Durability

The work covered by this part of the specification has been designed and constructed to achieve a minimum durability of 15 years.

2.2. On Going Maintenance Instructions

Provide ongoing maintenance instructions required to meet the performance requirements of the NZBC B2 Durability.

2.3. Substrate

The substrate for this Rockcote RenderSpec™ has had all the appropriate inspections carried out by a BCA representative and that it complies with the NZBC requirements. If the substrate is existing, all tests and checks have been carried out by a BCA representative or Independent assessor and that the substrate is found to be sound and stable.

3. Documents

3.1. Abbreviations

The following abbreviations are used throughout this work section:

- PPCS Proprietary Plaster Cladding System
- LRV Light Reflectance Value
- MSDS Material safety data sheet(s)
- BCA Building Control Authority
- NZBC New Zealand Building Code
- NZS New Zealand Standards
- AS/NZ Australia New Zealand Standard
- WANZ Windows Association of New Zealand

3.2. Documents Referred to

- NZBC B2 Durability
- NZBC E2/AS1 External moisture
- NZBC E3/AS1 Internal moisture, 1.0 Prevention of fungal growth
- BRANZ Bulletin 353 Ground clearances
- BRANZ Bulletin 418 Weathertightness do's and don'ts
- BRANZ Bulletin 439 Condensation risk in walls
- WANZ WIS

3.3. Manufacturers Documents

- Rockcote Technical Resources September 2009
- Rockcote Systems Project Guide
- Resene: Total Colour System
- Rockcote TradeSpec Version 3

Copies of the above literature are available at;

Rockcote Systems
Web: www.rockcote.co.nz
Telephone: 0800 50 70 40
Resene Paints
Web: www.resene.co.nz
Telephone: 0800 RESENE (0800 737 363)

3.4. No Substitutions

Substitutions are not permitted to any specified Rockcote Systems wall cladding system. Materials and execution to Rockcote Systems specification except where varied by this specification and supported by architectural detailing.

3.5. Qualifications

Use only PPCS registered plasterers licensed to apply the Rockcote Systems exterior render systems.

4. Documentation

4.1. Finish Sample

Submit one 300 mm x 300 mm sample of the selected texture finish and colour for approval. Obtain signature of acceptance on sample and return to the Registered Plasterer.

4.2. Maintenance Instructions

Provide Rockcote Systems Maintenance Guide on or before practical completion of the contract for issuing to the building owner. Rockcote Systems Maintenance Guide to be provided on request.

4.3. Producer Statement

If the project has a building consent then a producer statement shall be compiled by the Registered Plasterer in the form as required by the BCA.

4.4. Health and Safety

Refer to the requirements of the Health and Safety in Employment Act and OSH:Guidelines for the provision of facilities and general safety in the construction industry. Supply protective clothing and equipment. Inform employees and others on site of the hazards and put into place procedures for dealing with emergencies. Obtain from Rockcote Systems the MSDS for each product. Keep sheets on site and comply with the required safety procedures.

4.5. Warranty

Warrant this system under normal environmental and use conditions against failure. Rockcote Systems system warranty.
Materials: 15 years by Rockcote Systems - Materials
Execution: 5 years by Registered Plasterer - Workmanship

4.6. Performance

Accept responsibility for the structural and weather-tight performance of the cladding installation.

4.7. OnSite Assistance

Allow to inspect the whole of the work at each stage. Determine a programme for onsite assistance including notification when each part and stage of the work is ready for inspection prior to the work commencing. Permit representatives of Rockcote Systems to inspect the work in progress and to take samples of their products from site if requested refer Rockcote Systems Project Guide.

5. Components

5.1 Reinforcing Mesh

- Rockcote brand - alkali resistant - red (160gsm), weave (mesh) size 5 mm x 4 mm
- Rockcote brand - alkali resistant - blue (170gsm), weave (mesh) size 8 mm x 9 mm
- Rockcote Sticky Mesh - Soft Mesh 150mm Wide

5.2 Rockcote PM100 Quick Render

- Polymer-modified cement-based dry plaster mix. Supplied in 20 kg bags

5.3 Rockcote Render Prime or Resene Limelock

- Rockcote Render Prime - Water based acrylic polymer dispersion tinted (optional) to the colour of Rockcote finishing coats. Supplied in 15 litre pails.
- Resene Limelock - Water based acrylic polymer dispersion. Supplied in 10 litre pails.

5.4 Rockcote Acrylic Texture

- 100% acrylic, high-build texture coating. Supplied in 15 Litre pails

5.5 Resene X200 or Rockcote Armour

- Resene X200 - Acrylic reinforced waterproof membrane. Supplied in 4 and 10 litre pails. Tinted to the selected colour.
- Rockcote Armour - Acrylic-based protective finish. Supplied in 4 and 15 litre pails. Tinted to the selected colour.

5.6 PVC Flashings and Accessories

- Rockcote Standard Corner Flashing
- Protecto EIFS Flashing Tape
- Rockcote Brick/Block Starter Strip

5.7 Head Flashings

- Supplied by the builder for both recessed and face-fixed timber, aluminium. PVC joinery.
- For all environments - powder coated aluminium or PVC.

5.8 Sealant

- Silaflex MS or equivalent BRANZ Appraised Sealant
- Sealant must comply with WANZ requirements for adhesion to powder coated aluminium

5.9 UPVC Flashing Primer

- Rockcote MultiStop Bedding Compound mixed with diluted acrylbond resin. MultiStop Bedding Compound supplied in 15 kg bags.

6. Installation

6.1. General

- Design Information - Refer to Rockcote TradeSpec™ document 1.2
- Check Joinery - Refer to Rockcote TradeSpec™ document 1.3
- Control Joints - Refer to Rockcote TradeSpec™ document 1.4
- Flashing Membranes - Refer to Rockcote TradeSpec™ 3.3
- Maintenance - Refer to Rockcote TradeSpec™ document 1.7

6.2. Substrates

- Preparing Masonry Block - Refer to Rockcote TradeSpec™ document 2.2

6.3. Flashings & Accessories

- Rockcote Flashings - Refer to Rockcote TradeSpec™ document 3.1
- Builder Supplied Flashings - Refer to Rockcote TradeSpec™ document 3.2
- Sealants - Refer to Rockcote TradeSpec™ document 3.4
- Adhesives - Refer to Rockcote TradeSpec™ document 3.5
- Expanding Foams - Refer to Rockcote TradeSpec™ document 3.6
- Butyl Based Flashing Tapes - Refer to Rockcote TradeSpec™ document 3.9
- Polystyrene feature moulding installation - Refer to Rockcote TradeSpec™ document 3.10 (optional)

6.4. Applying Plaster

- General Render Information - Refer to Rockcote TradeSpec™ document 4.1
- Base Coat - Refer to Rockcote TradeSpec™ document 4.2
- Mesh Installation - Refer to Rockcote TradeSpec™ document 4.3
- Levelling Coat - Refer to Rockcote TradeSpec™ document 4.4

6.5. Sealing & Finishing

- General Finish Coat Information - Refer to Rockcote TradeSpec™ document 5.1
- Sealer Application - Refer to Rockcote TradeSpec™ document 5.3
- Acrylic Texture Application - Refer to Rockcote TradeSpec™ document 5.5
- Rockcote Armour Application - Refer to Rockcote TradeSpec™ document 5.7

or

- 2 x coats Resene X200 Application - Refer to Rockcote TradeSpec™ 5.8
- Cleaning Up - Refer to Rockcote TradeSpec™ document 5.10

7. Cleaning

Remove debris, unused materials and elements from the site relating to the plaster system application. Replace damaged, cracked or marked elements. Leave the whole of this work to the required standard.

8. Final Onsite Assistance

Final Onsite Assistance by Rockcote Systems Registered plasterer and Rockcote project assessor of the entire finished cladding to take place immediately after completion of the wall cladding work and any defects or subsequent damage made good immediately.

Important:

This specification must be read in conjunction with the Rockcote Systems technical drawings.

No alteration to the Rockcote RenderSpec™ is permitted.

This Rockcote RenderSpec™ must be read in conjunction with Rockcote TradeSpec™ documents version 3

Rockcote Masonry Render System Specification

1. General

1.1 Rockcote Render System Information

Substrate : Masonry Block - Concrete Block
Coating System : Standard Render (6-8mm Meshed)
Finish : Rockcote Mineral Based Texture - Traditionale

1.2. Description

2. Building Code Compliance

If the project has a building consent then the following clauses apply.

2.1. Durability

The work covered by this part of the specification has been designed and constructed to achieve a minimum durability of 15 years.

2.2. On Going Maintenance Instructions

Provide ongoing maintenance instructions required to meet the performance requirements of the NZBC B2 Durability.

2.3. Substrate

The substrate for this Rockcote RenderSpec™ has had all the appropriate inspections carried out by a BCA representative and that it complies with the NZBC requirements. If the substrate is existing, all tests and checks have been carried out by a BCA representative or Independent assessor and that the substrate is found to be sound and stable.

3. Documents

3.1. Abbreviations

The following abbreviations are used throughout this work section:

- PPCS Proprietary Plaster Cladding System
- LRV Light Reflectance Value
- MSDS Material safety data sheet(s)
- BCA Building Control Authority
- NZBC New Zealand Building Code
- NZS New Zealand Standards
- AS/NZ Australia New Zealand Standard
- WANZ Windows Association of New Zealand

3.2. Documents Referred to

- NZBC B2 Durability
- NZBC E2/AS1 External moisture
- NZBC E3/AS1 Internal moisture, 1.0 Prevention of fungal growth
- BRANZ Bulletin 353 Ground clearances
- BRANZ Bulletin 418 Weathertightness do's and don'ts
- BRANZ Bulletin 439 Condensation risk in walls
- WANZ WIS

3.3. Manufacturers Documents

- Rockcote Technical Resources September 2009
- Rockcote Systems Project Guide
- Resene: Total Colour System
- Rockcote TradeSpec Version 3

Copies of the above literature are available at;

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Web: www.rockcote.co.nz
Telephone: 0800 50 70 40
Resene Paints
Web: www.resene.co.nz
Telephone: 0800 RESENE (0800 737 363)

3.4. No Substitutions

Substitutions are not permitted to any specified Rockcote Systems wall cladding system. Materials and execution to Rockcote Systems specification except where varied by this specification and supported by architectural detailing.

3.5. Qualifications

Use only PPCS registered plasterers licensed to apply the Rockcote Systems exterior render systems.

4. Documentation

4.1. Finish Sample

Submit one 300 mm x 300 mm sample of the selected texture finish and colour for approval. Obtain signature of acceptance on sample and return to the Registered Plasterer.

4.2. Maintenance Instructions

Provide Rockcote Systems Maintenance Guide on or before practical completion of the contract for issuing to the building owner. Rockcote Systems Maintenance Guide to be provided on request.

4.3. Producer Statement

If the project has a building consent then a producer statement shall be compiled by the Registered Plasterer in the form as required by the BCA.

4.4. Health and Safety

Refer to the requirements of the Health and Safety in Employment Act and OSH:Guidelines for the provision of facilities and general safety in the construction industry. Supply protective clothing and equipment. Inform employees and others on site of the hazards and put into place procedures for dealing with emergencies. Obtain from Rockcote Systems the MSDS for each product. Keep sheets on site and comply with the required safety procedures.

4.5. Warranty

Warrant this system under normal environmental and use conditions against failure. Rockcote Systems system warranty.
Materials: 15 years by Rockcote Systems - Materials
Execution: 5 years by Registered Plasterer - Workmanship

4.6. Performance

Accept responsibility for the structural and weather-tight performance of the cladding installation.

4.7. OnSite Assistance

Allow to inspect the whole of the work at each stage. Determine a programme for onsite assistance including notification when each part and stage of the work is ready for inspection prior to the work commencing. Permit representatives of Rockcote Systems to inspect the work in progress and to take samples of their products from site if requested refer Rockcote Systems Project Guide.

5. Components

5.1 Reinforcing Mesh

- Rockcote brand - alkali resistant - red (160gsm), weave (mesh) size 5 mm x 4 mm
- Rockcote brand - alkali resistant - blue (170gsm), weave (mesh) size 8 mm x 9 mm
- Rockcote Sticky Mesh - Soft Mesh 150mm Wide

5.2 Rockcote PM100 Quick Render

- Polymer-modified cement-based dry plaster mix. Supplied in 20 kg bags

5.3 Rockcote Mineral Texture

- Polymer-modified cement-based dry plaster mix. Supplied in 20 kg bags

5.4 Rockcote Render Prime or Resene Limelock

- Rockcote Render Prime - Water based acrylic polymer dispersion tinted (optional) to the colour of Rockcote finishing coats. Supplied in 15 litre pails.
- Resene Limelock - Water based acrylic polymer dispersion. Supplied in 10 litre pails.

5.5 Resene X200 or Rockcote Armour

- Resene X200 - Acrylic reinforced waterproof membrane. Supplied in 4 and 10 litre pails. Tinted to the selected colour.
- Rockcote Armour - Acrylic-based protective finish. Supplied in 4 and 15 litre pails. Tinted to the selected colour.

5.6 PVC Flashings and Accessories

- Rockcote Standard Corner Flashing
- Protecto EIFS Flashing Tape
- Rockcote Brick/Block Starter Strip

5.7 Head Flashings

- Supplied by the builder for both recessed and face-fixed timber, aluminium. PVC joinery.
- For all environments - powder coated aluminium or PVC.

5.8 Sealant

- Silaflex MS or equivalent BRANZ Appraised Sealant
- Sealant must comply with WANZ requirements for adhesion to powder coated aluminium

5.9 UPVC Flashing Primer

- Rockcote MultiStop Bedding Compound mixed with diluted acrylbond resin. MultiStop Bedding Compound supplied in 15 kg bags.

6. Installation

6.1. General

- Design Information - Refer to Rockcote TradeSpec™ document 1.2
- Check Joinery - Refer to Rockcote TradeSpec™ document 1.3
- Control Joints - Refer to Rockcote TradeSpec™ document 1.4
- Flashing Membranes - Refer to Rockcote TradeSpec™ 3.3
- Maintenance - Refer to Rockcote TradeSpec™ document 1.7

6.2. Substrates

- Preparing Masonry Block - Refer to Rockcote TradeSpec™ document 2.2

6.3. Flashings & Accessories

- Rockcote Flashings - Refer to Rockcote TradeSpec™ document 3.1
- Builder Supplied Flashings - Refer to Rockcote TradeSpec™ document 3.2
- Sealants - Refer to Rockcote TradeSpec™ document 3.4
- Adhesives - Refer to Rockcote TradeSpec™ document 3.5
- Expanding Foams - Refer to Rockcote TradeSpec™ document 3.6
- Butyl Based Flashing Tapes - Refer to Rockcote TradeSpec™ document 3.9
- Polystyrene feature moulding installation - Refer to Rockcote TradeSpec™ document 3.10 (optional)

6.4. Applying Plaster

- General Render Information - Refer to Rockcote TradeSpec™ document 4.1
- Base Coat - Refer to Rockcote TradeSpec™ document 4.2
- Mesh Installation - Refer to Rockcote TradeSpec™ document 4.3
- Levelling Coat - Refer to Rockcote TradeSpec™ document 4.4

6.5. Sealing & Finishing

- General Finish Coat Information - Refer to Rockcote TradeSpec™ document 5.1
- Mineral Texture Application - Refer to Rockcote TradeSpec™ document 5.6
- Sealer Application - Refer to Rockcote TradeSpec™ document 5.3
- 2 x coats Rockcote Armour Application - Refer to Rockcote TradeSpec™ document 5.7

or

- 2 x coats Resene X200 Application - Refer to Rockcote TradeSpec™ 5.8
- Cleaning Up - Refer to Rockcote TradeSpec™ document 5.10

7. Cleaning

Remove debris, unused materials and elements from the site relating to the plaster system application. Replace damaged, cracked or marked elements. Leave the whole of this work to the required standard.

8. Final Onsite Assistance

Final Onsite Assistance by Rockcote Systems Registered plasterer and Rockcote project assessor of the entire finished cladding to take place immediately after completion of the wall cladding work and any defects or subsequent damage made good immediately.

Important:

This specification must be read in conjunction with the Rockcote Systems technical drawings.

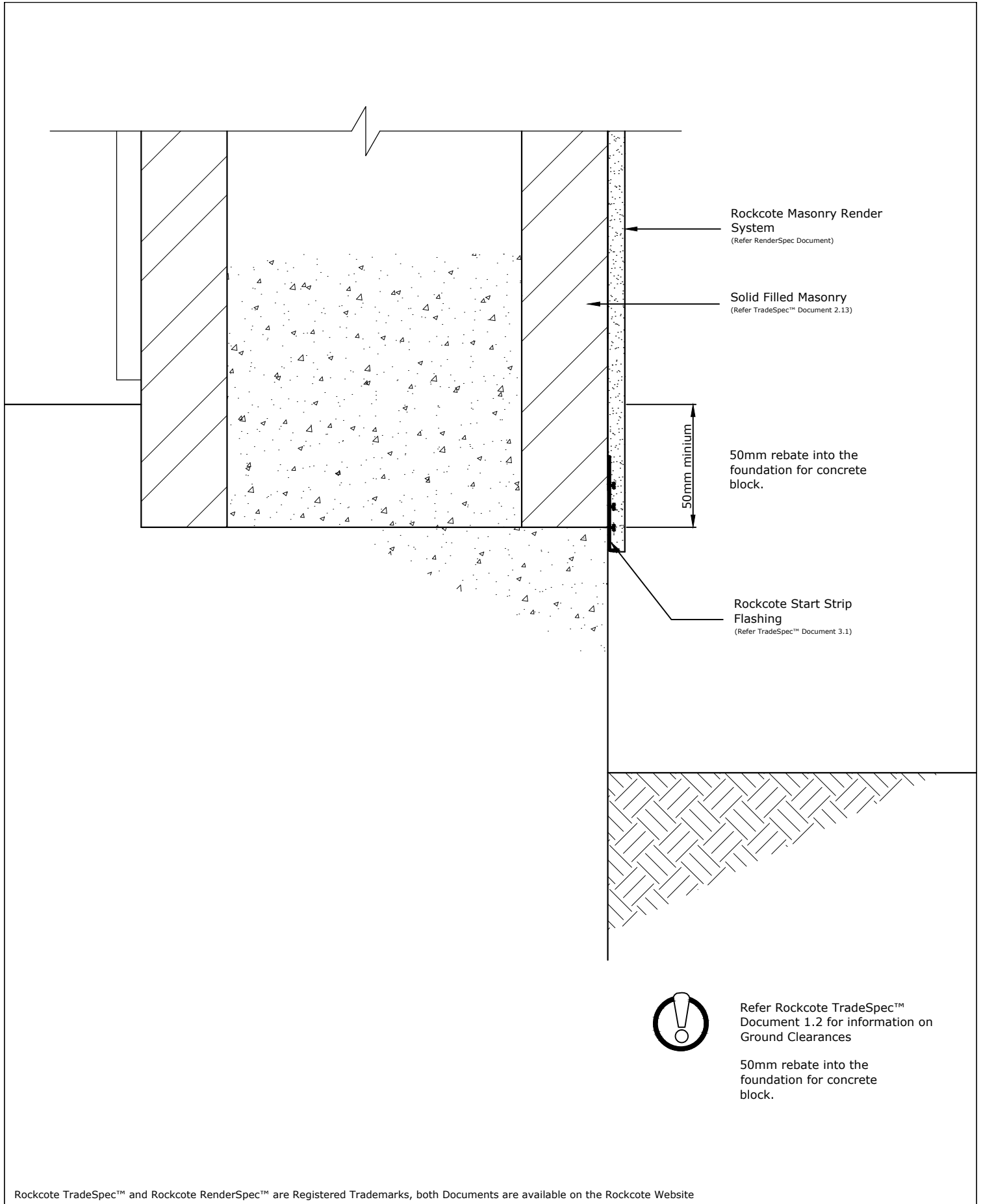
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This Rockcote RenderSpec™ must be read in conjunction with Rockcote TradeSpec™ documents version 3

Masonry Render System over Concrete Block Technical Drawings

Sheet #	Drawing Description
01	Foundation
02	External Corner
03	Internal Corner
04	Window Sill
05	Window Jamb
06	Window Head
09	Vertical Control Joint

Further details are available on our website www.rockcote.co.nz



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System
Masonry Render System

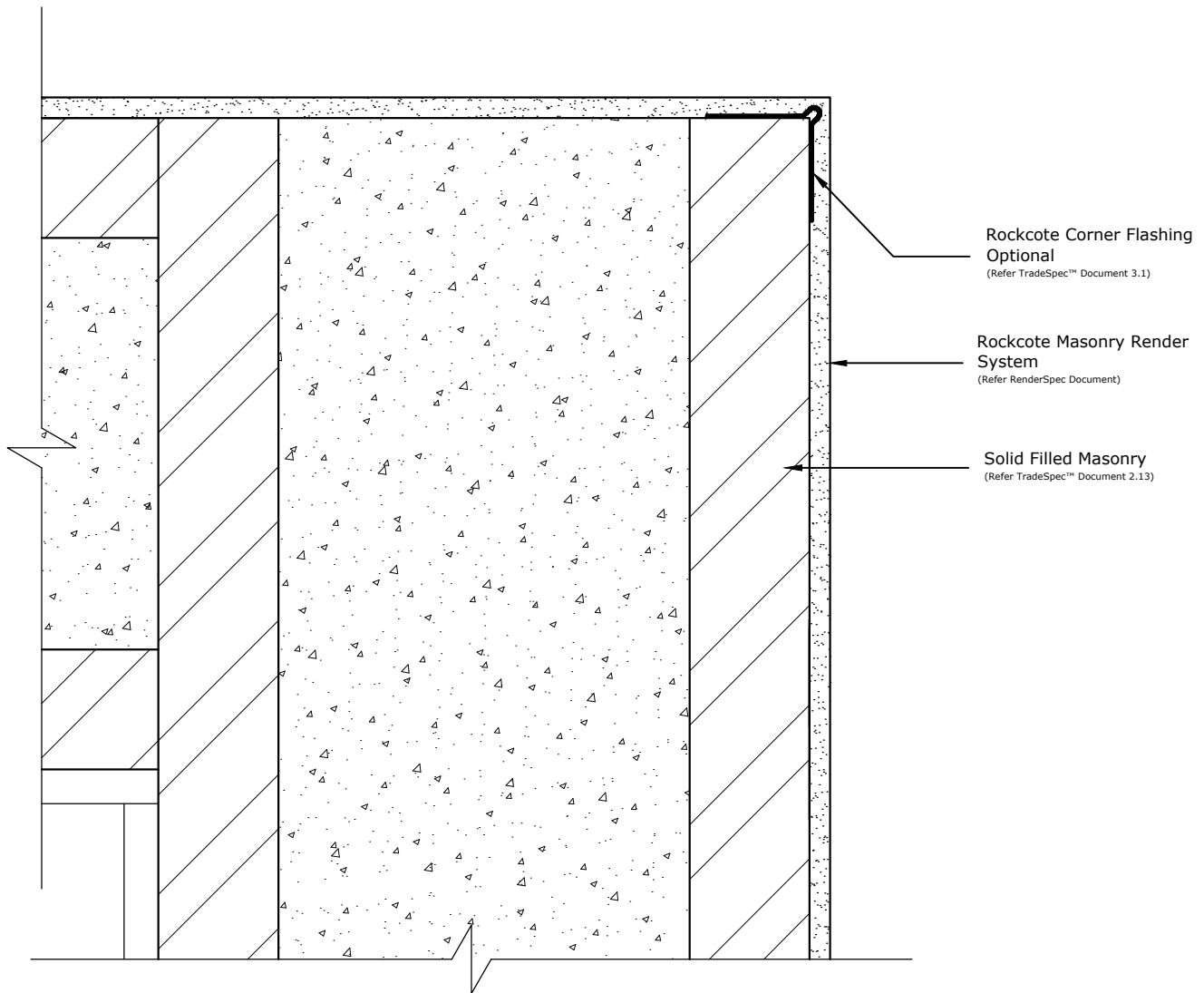
Substrate
Concrete Block

Drawing Name
Foundation

Scale
1 : 2 @ A4

Date
17 September 2010

Sheet
01



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System
Masonry Render System

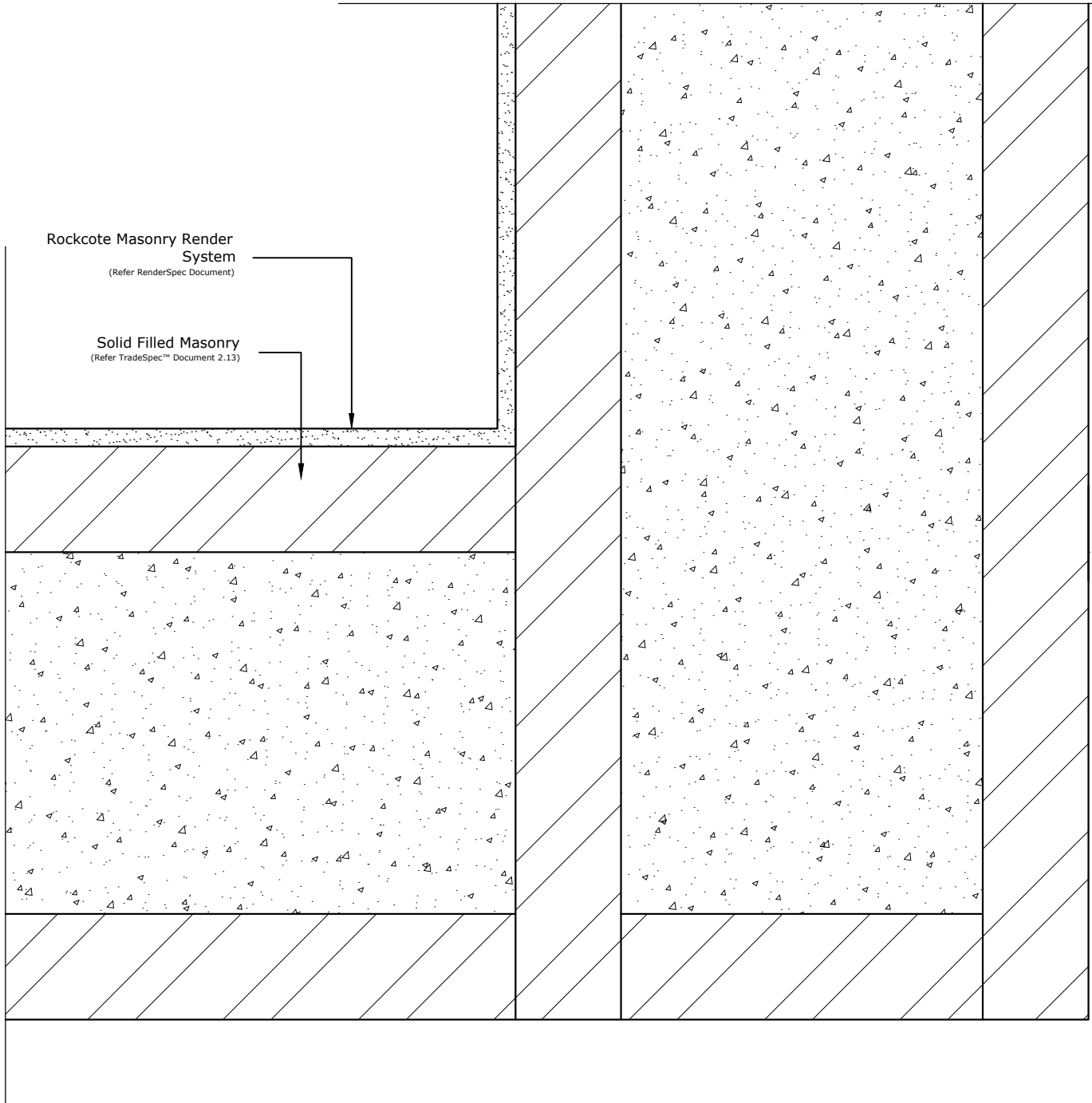
Substrate
Concrete Block

Drawing Name
External Corner

Scale
1 : 2 @ A4

Date
17 September 2010

Sheet
02



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System
Masonry Render System

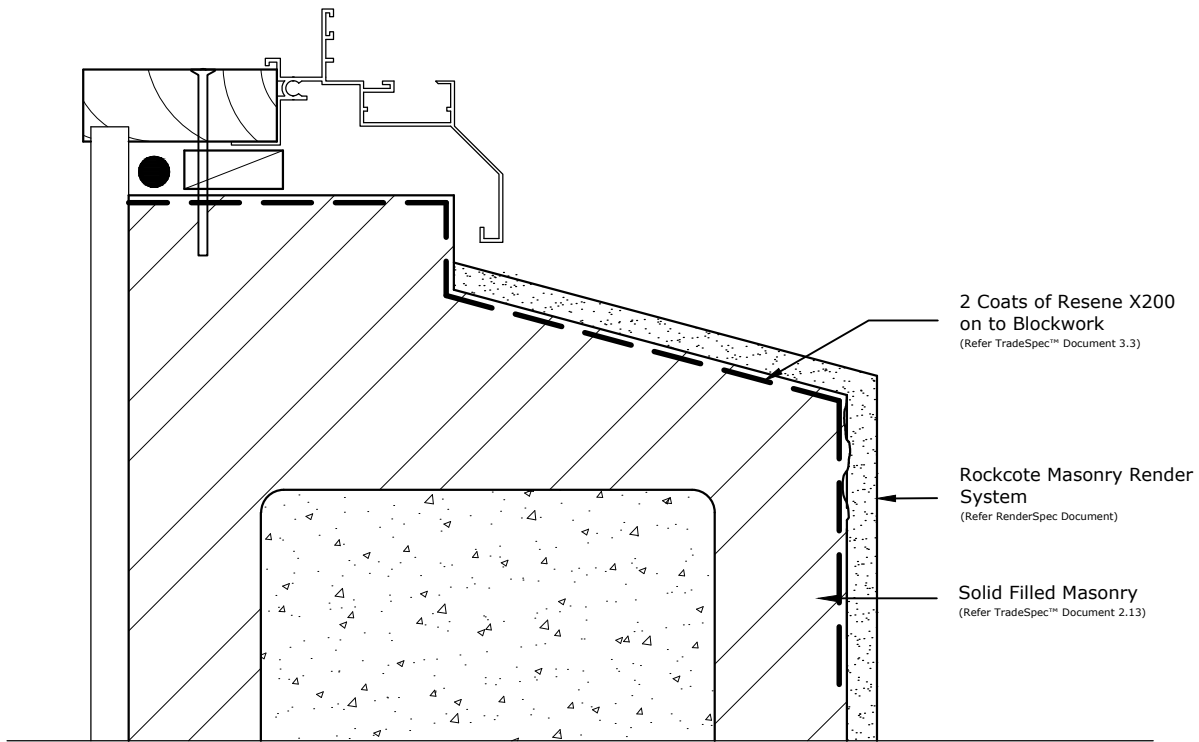
Substrate
Concrete Block

Drawing Name
Internal Corner

Scale
1 : 2 @ A4

Date
17 September 2010

Sheet
03



Do not apply MS Silaflex Sealant to sill. Maintain a gap which allows trapped water to egress.

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System
Masonry Render System

Substrate
Concrete Block

Drawing Name
Window Sill

Scale
1 : 2 @ A4

Date
17 September 2010

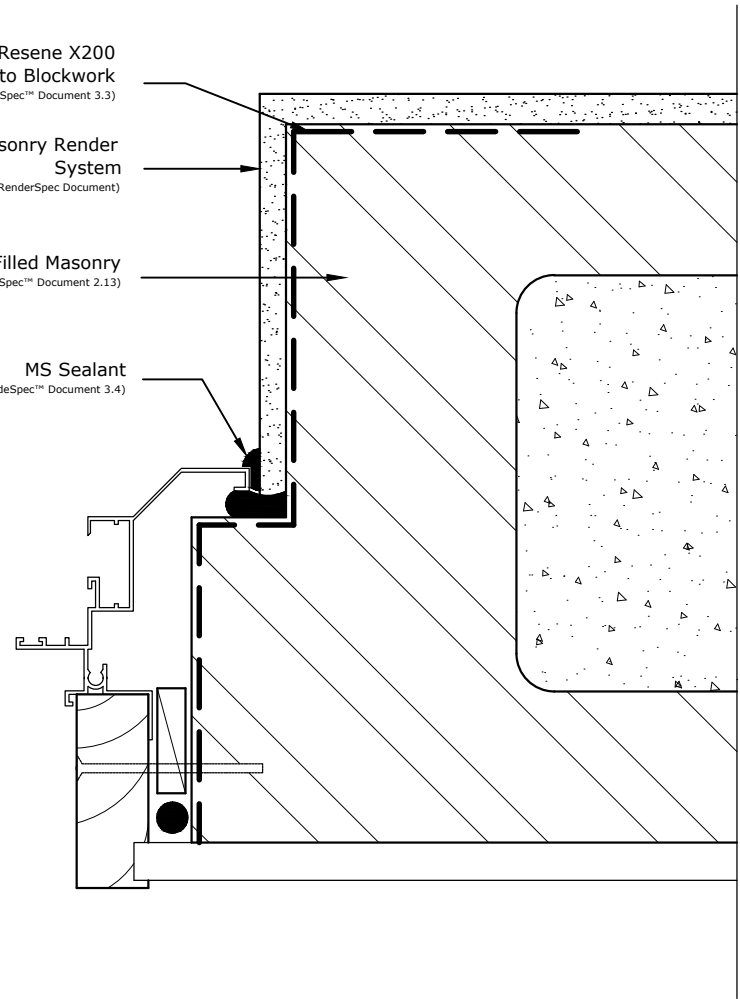
Sheet
04

2 Coats of Resene X200
on to Blockwork
(Refer TradeSpec™ Document 3.3)

Rockcote Masonry Render
System
(Refer RenderSpec Document)

Solid Filled Masonry
(Refer TradeSpec™ Document 2.13)

MS Sealant
(Refer TradeSpec™ Document 3.4)



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System
Masonry Render System

Substrate
Concrete Block

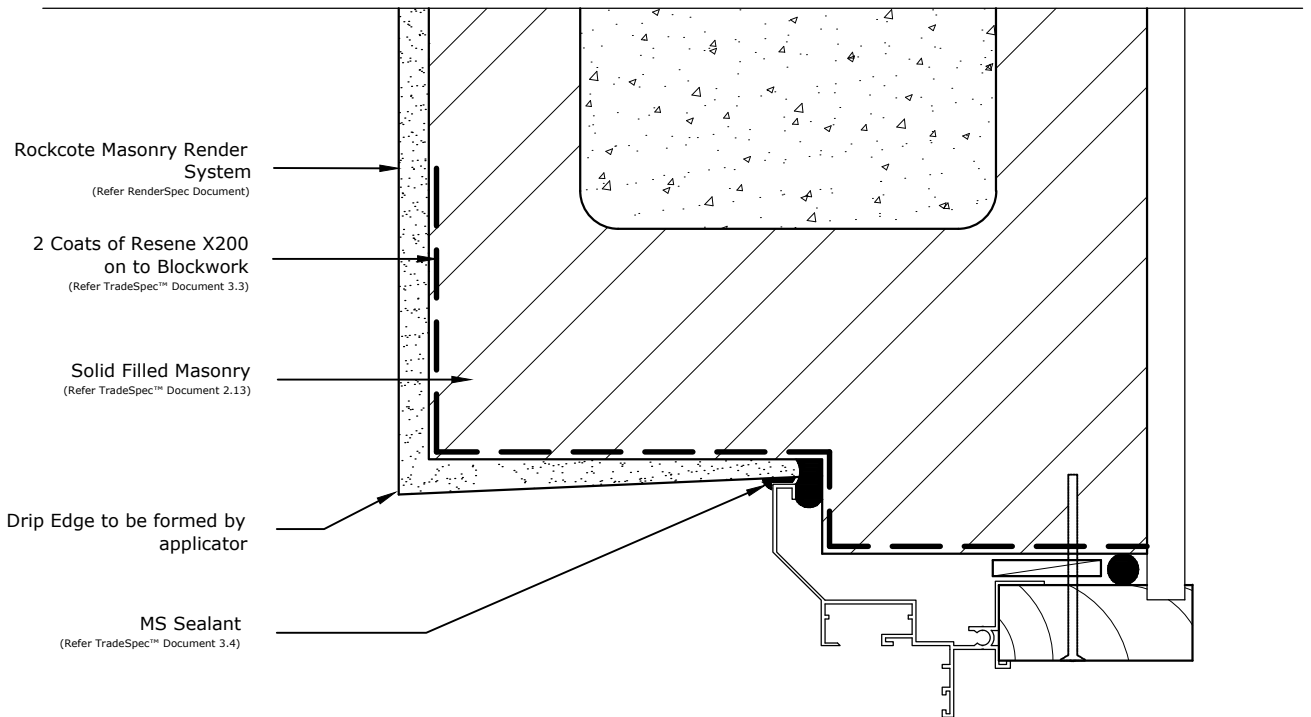
Drawing Name
Window Jamb

Scale
1 : 2 @ A4

Date
17 September 2010

Sheet
05

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System
Masonry Render System

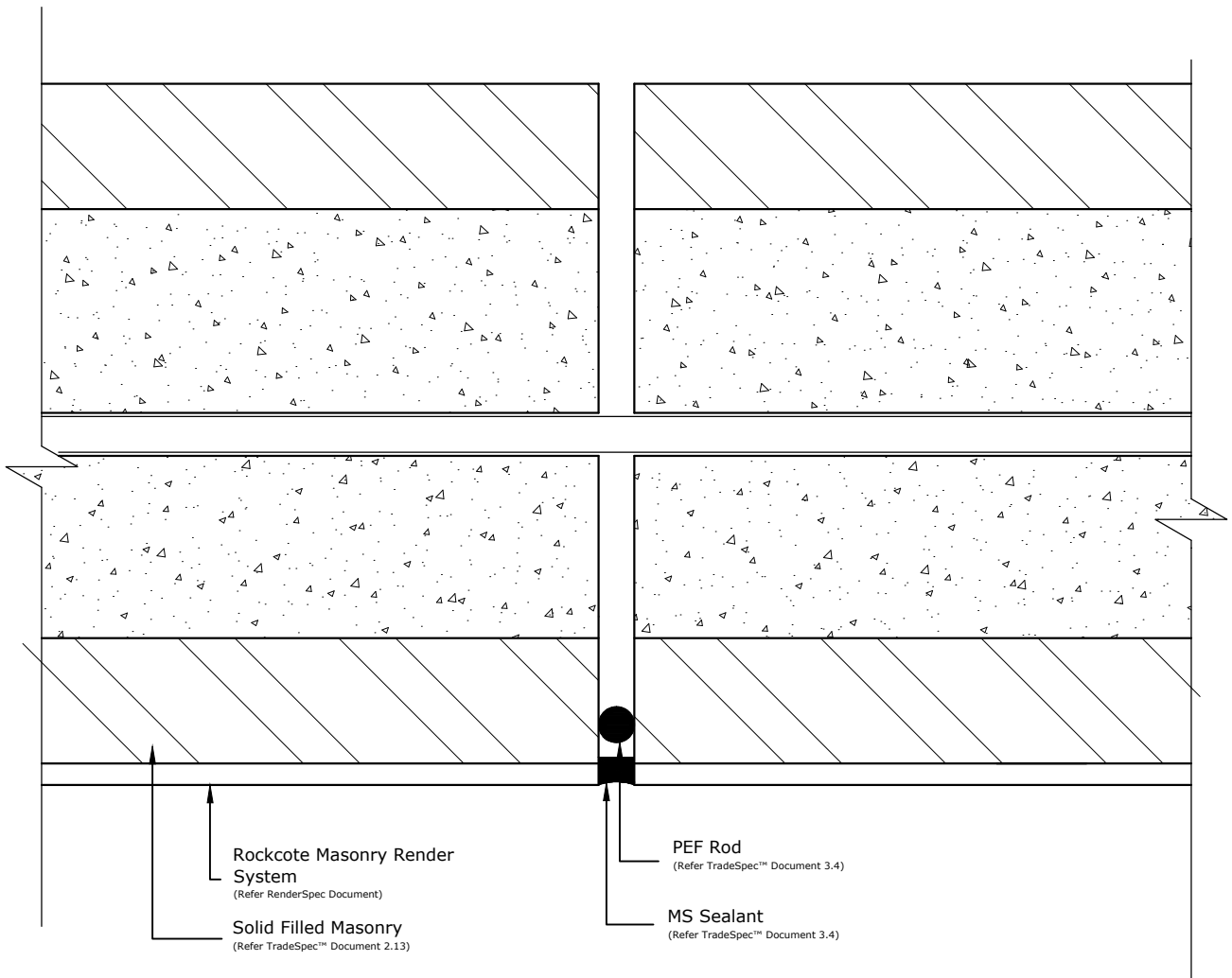
Substrate
Concrete Block

Drawing Name
Window Head

Scale
1 : 2 @ A4

Date
17 September 2010

Sheet
06



Refer Rockcote TradeSpec™
Document 1.4 for information on
Control Joints

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System
Masonry Render System

Substrate
Concrete Block

Drawing Name
Vertical Control Joint

Scale
1 : 2 @ A4

Date
17 September 2010

Sheet
09

ROCKCOTE

s y s t e m s

Rockcote Resene Ltd

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Auckland

Telephone 09 259 2732

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Telephone 04 567 3576

Fax 04 567 3578

The Rockcote network is New Zealand wide from Keri Keri in the North to Invercargill in the south. Call our Onsite Assist 0800 50 70 40 for your nearest consultant or visit our web site:

<http://www.rockcote.co.nz>

ROCKCOTE

Onsite Assist
0800 50 70 40

We offer our expertise not only to assist applicators but designers and home owners alike.

MyHomeTM
maintenance guide

Offers home owners advice on how to get the very best life and continued good looks from their Rockcote plaster cladding system.

A Resene Group Company.