

## Rusticated Concealed Fixing Details - 20mm Cavity on Rigid Underlay



Drawing	Sheet Name	Date
<b>Typical Details</b>		
RKRC20-RU-00	Index	26.05.2023
RKRC-C-BATT	RKR Battens	26.05.2023
RKRC-FLG-01	Flashing Details	26.05.2023
RKRC-FLG-02	Flashing Details	26.05.2023
RKRC-MOULD	RK Profiles	26.05.2023
<b>Window Details</b>		
RKRC20-RU-01	Aluminium Head Detail	26.05.2023
RKRC20-RU-02	Aluminium Jamb Detail	26.05.2023
RKRC20-RU-03	Aluminium Sill Detail	26.05.2023
<b>Internal Corner Details</b>		
RKRC20-RU-11	Internal Corner RKFL-38 Detail	26.05.2023
RKRC20-RU-12	Internal Corner RKFL-39 Detail	26.05.2023
RKRC20-RU-13	Internal Corner RK Brick/Block to Cedar	26.05.2023
<b>External Corner Details</b>		
RKRC20-RU-21	External Corner RKFL-35 Detail	26.05.2023
RKRC20-RU-22	External Corner RK42 Detail	26.05.2023
RKRC20-RU-23	External Corner RKFL-31 Detail	26.05.2023
RKRC20-RU-24	External Corner RKFL-41 Detail	26.05.2023
<b>Vertical Details</b>		
RKRC20-RU-42	Top Plate to Soffit Detail	26.05.2023
RKRC20-RU-46	Scarf Joint Detail	26.05.2023
RKRC20-RU-41	Bottom Plate Detail	26.05.2023
RKRC20-RU-47	Screw Fixing Detail	26.05.2023

## Rusticated Tongue & Groove Profiles

Drawing	Sheet Name	Date
RKA971	183x18.5mm (5mm neg) Profile	26.05.2023
RKA970	133x18.5mm (5mm neg) Profile	26.05.2023



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Title  
**Index**

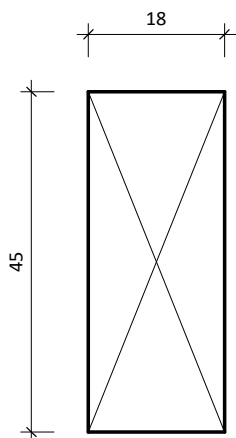
Drawing

**RKRC20-RU-00**

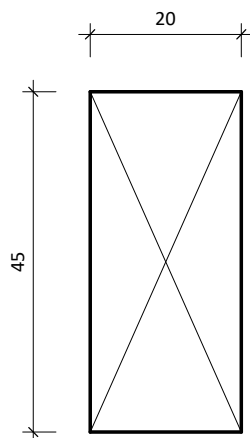
Scale @ A4

Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
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9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



CS-V 18 Vertical timber cavity batten



CS-V 20 Vertical timber cavity batten



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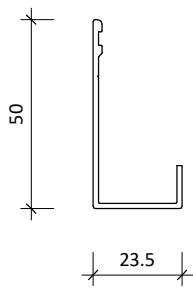
Title  
**RKR Battens**

Drawing  
**RKRC-C-BATT**

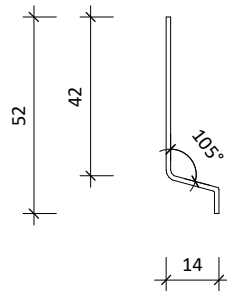
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Date 26.05.2023

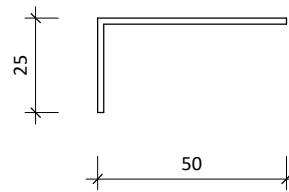
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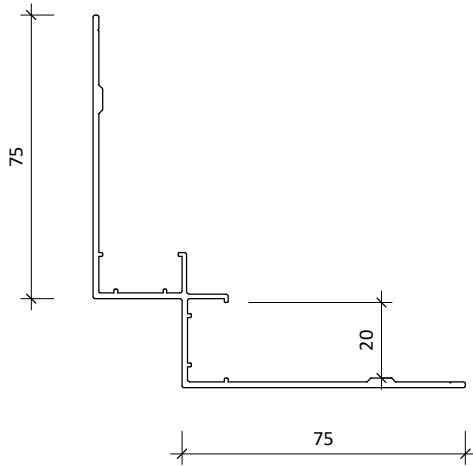
RKFL-11 powder coated aluminum jamb flashing



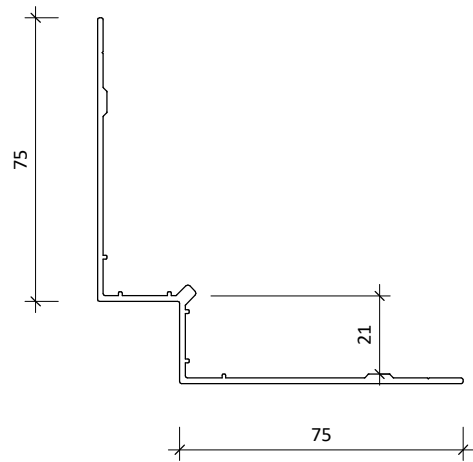
RKFL-12 42x14mm Cavity closer. Tack cavity closer @ 600mm crs



RKFL-51 soffit angle, finish PC Matt Black Duratec



RKFL-38 75x75mm internal corner flashing



RKFL-39 75x75mm internal corner flashing

**Coating Options:**

- Non-exposed flashings = Duralloy
- Exposed flashings = Duratec



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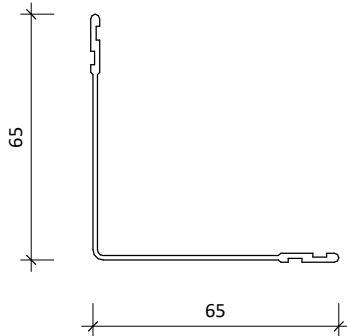
Title  
**Flashing Details**

Drawing  
**RKRC-FLG-01**

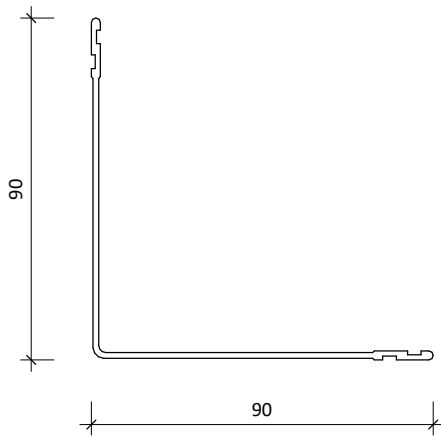
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Date 26.05.2023

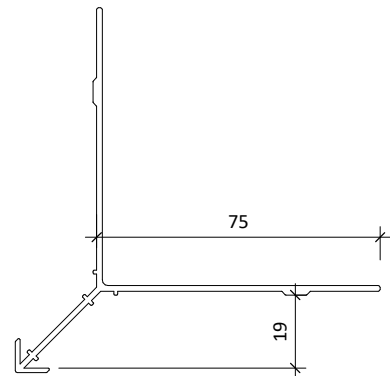
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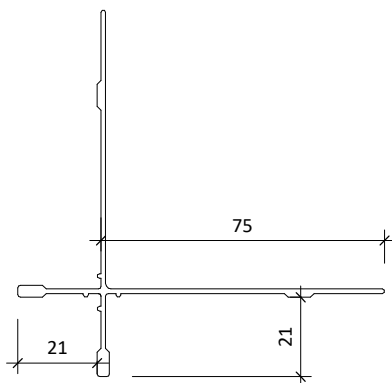
RKFL-09 65x65mm internal/  
external corner back flashing



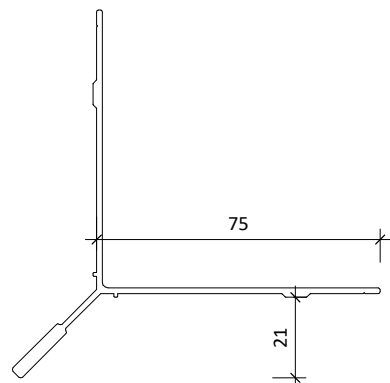
RKFL-10 90x90mm corner back flashing



RKFL-31 Mitred external corner back flashing



RKFL-35 External corner back flashing



RKFL-41 75x75mm Mitred external corner  
back flashing

**Coating Options:**

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- Exposed flashings = Duratec



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Title  
**Flashing Details**

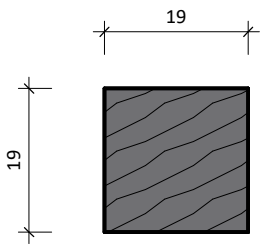
Drawing

**RKRC-FLG-02**

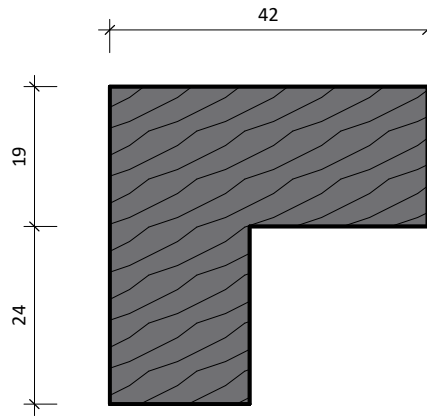
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Date 26.05.2023

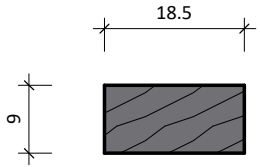
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10. Timber framing to NZS 3604:2011



RK41 Timber moulding



RK42 External timber moulding



RK44 18.5x9mm Timber moulding for RKFL-12

**Options:**

- DF (Dressed face)
- BSF (Band sawn face)



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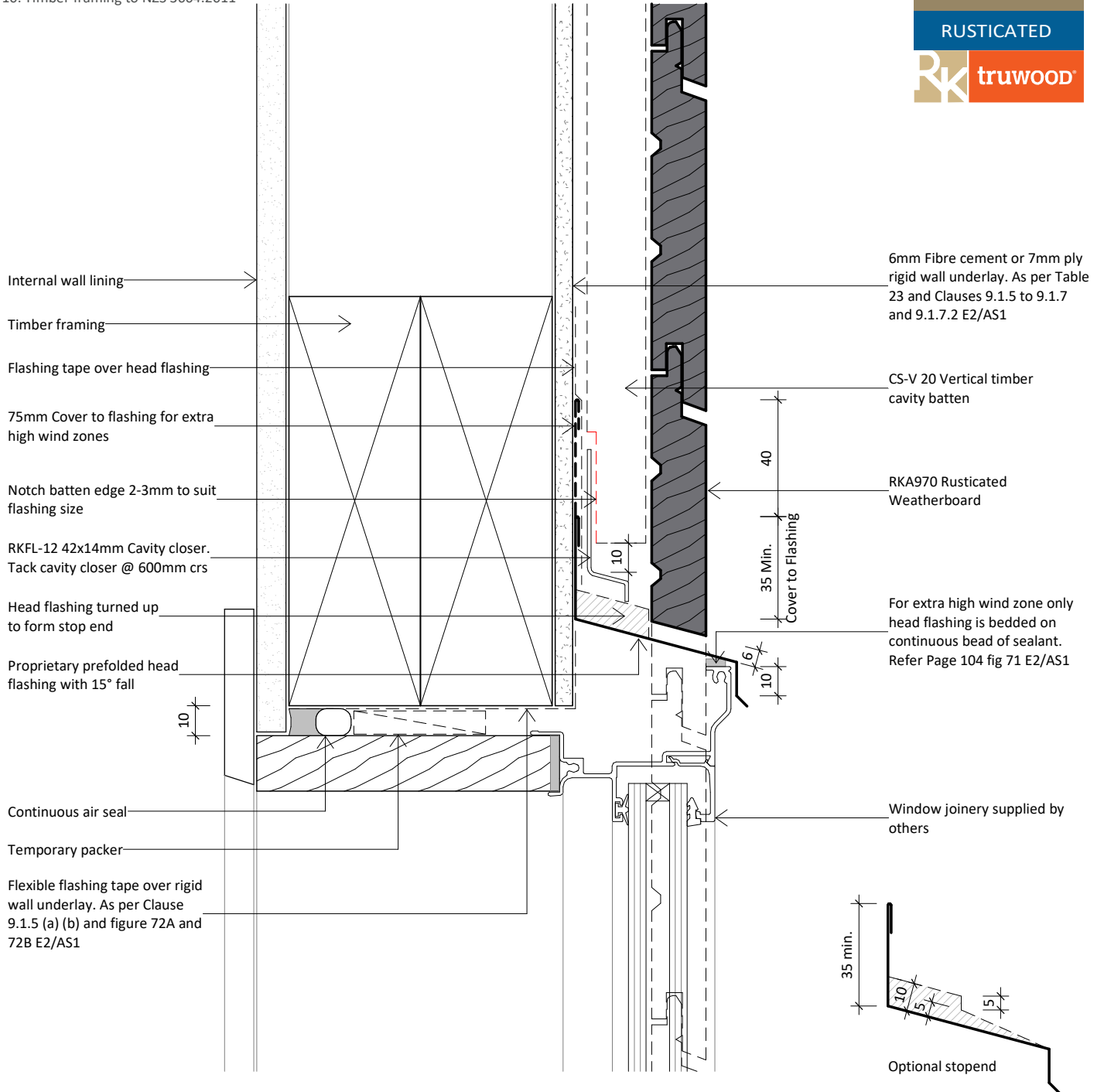
Title  
**RK Profiles**

Drawing  
**RKRC-MOULD**

Scale 1 : 1 @ A4

Date 26.05.2023

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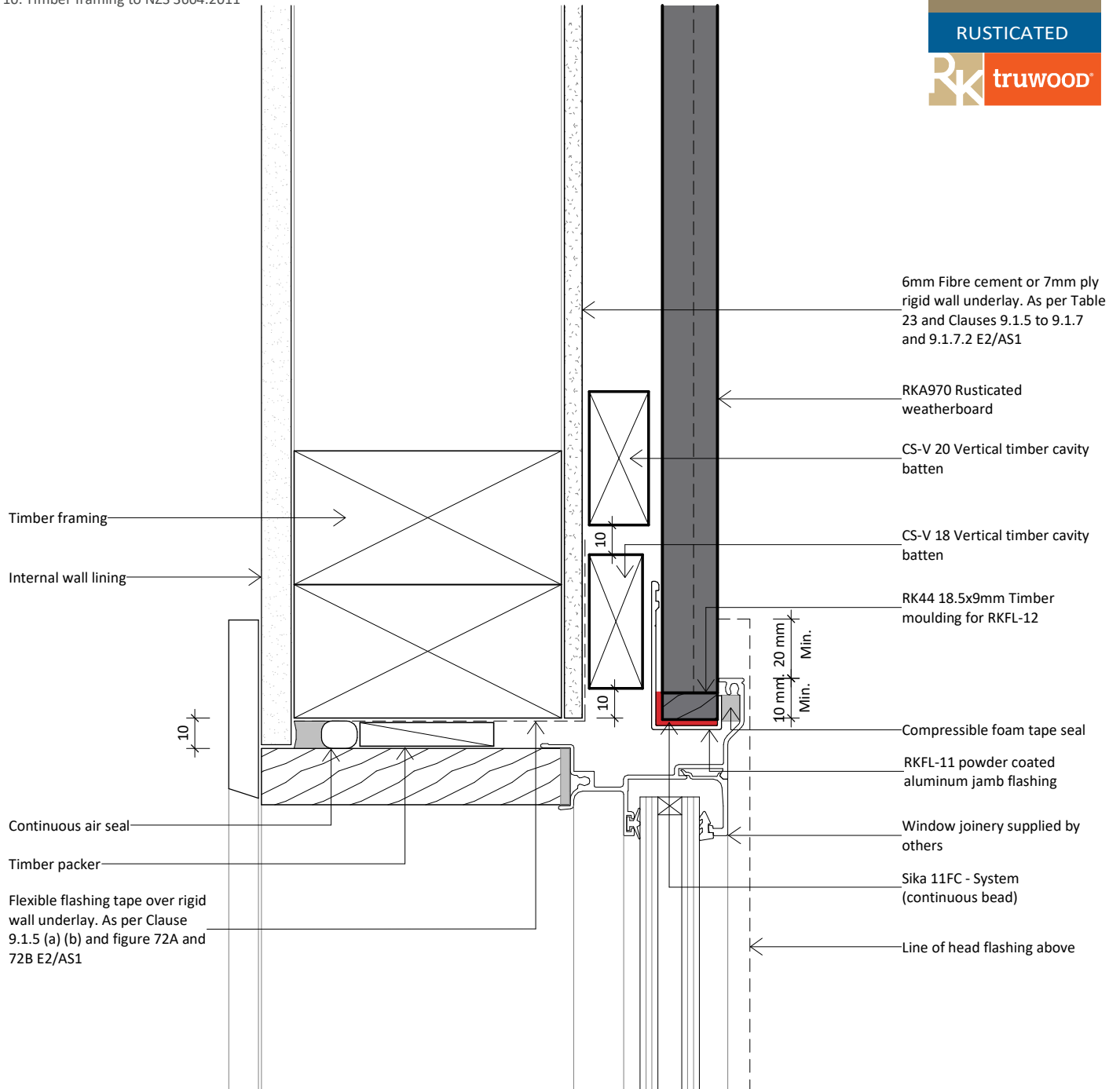
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Title  
**Aluminium Head Detail**

Drawing  
**RKRC20-RU-01**

Scale 1:2 @ A4 Date 26.05.2023

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10. Timber framing to NZS 3604:2011



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Title  
**Aluminium Jamb Detail**

Drawing  
**RKRC20-RU-02**

Scale 1:2 @ A4 Date 26.05.2023

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Flexible flashing tape over rigid wall underlay. As per Clause 9.1.5 (a) (b) and figure 72A and 72B E2/AS1

Timber packer

Continuous air seal

10

Timber framing

Internal wall lining

Window joinery supplied by others

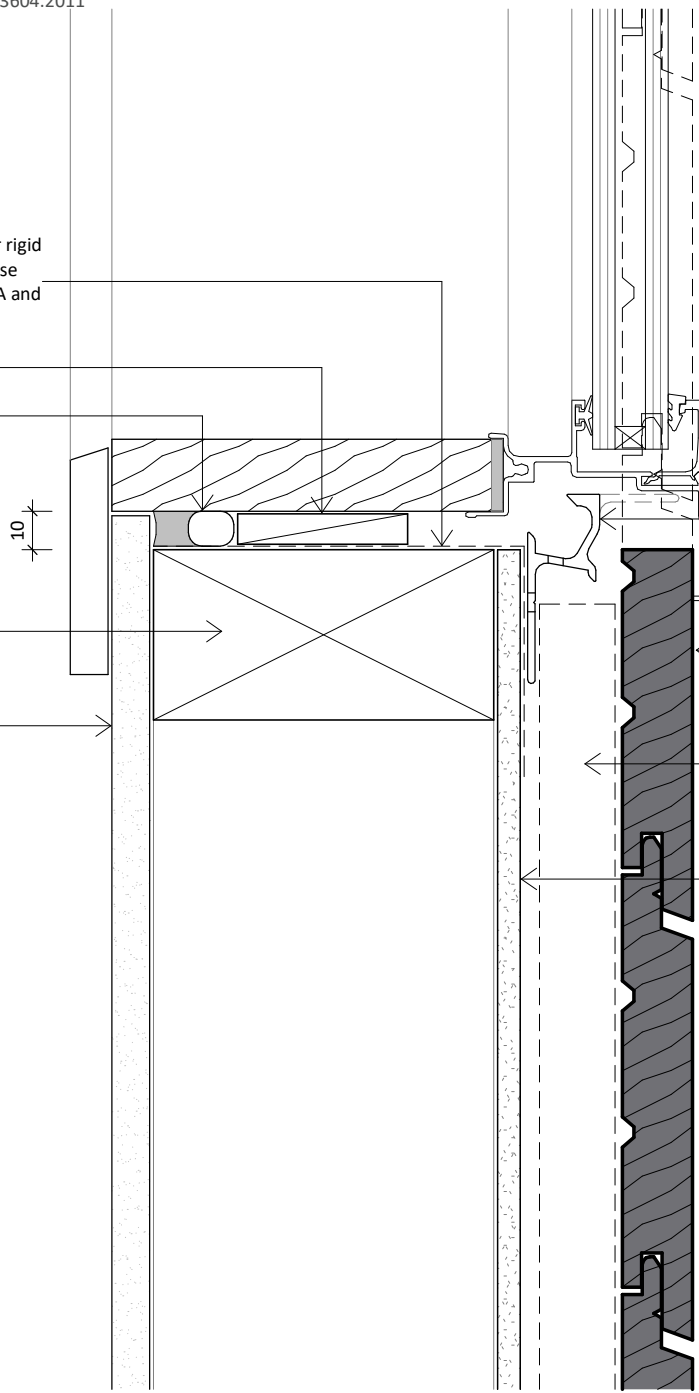
Support bar to suit joinery type

10mm Min

RKA970 Rusticated Weatherboard

CS-V 20 Vertical timber cavity batten

6mm Fibre cement or 7mm ply rigid wall underlay. As per Table 23 and Clauses 9.1.5 to 9.1.7 and 9.1.7.2 E2/AS1



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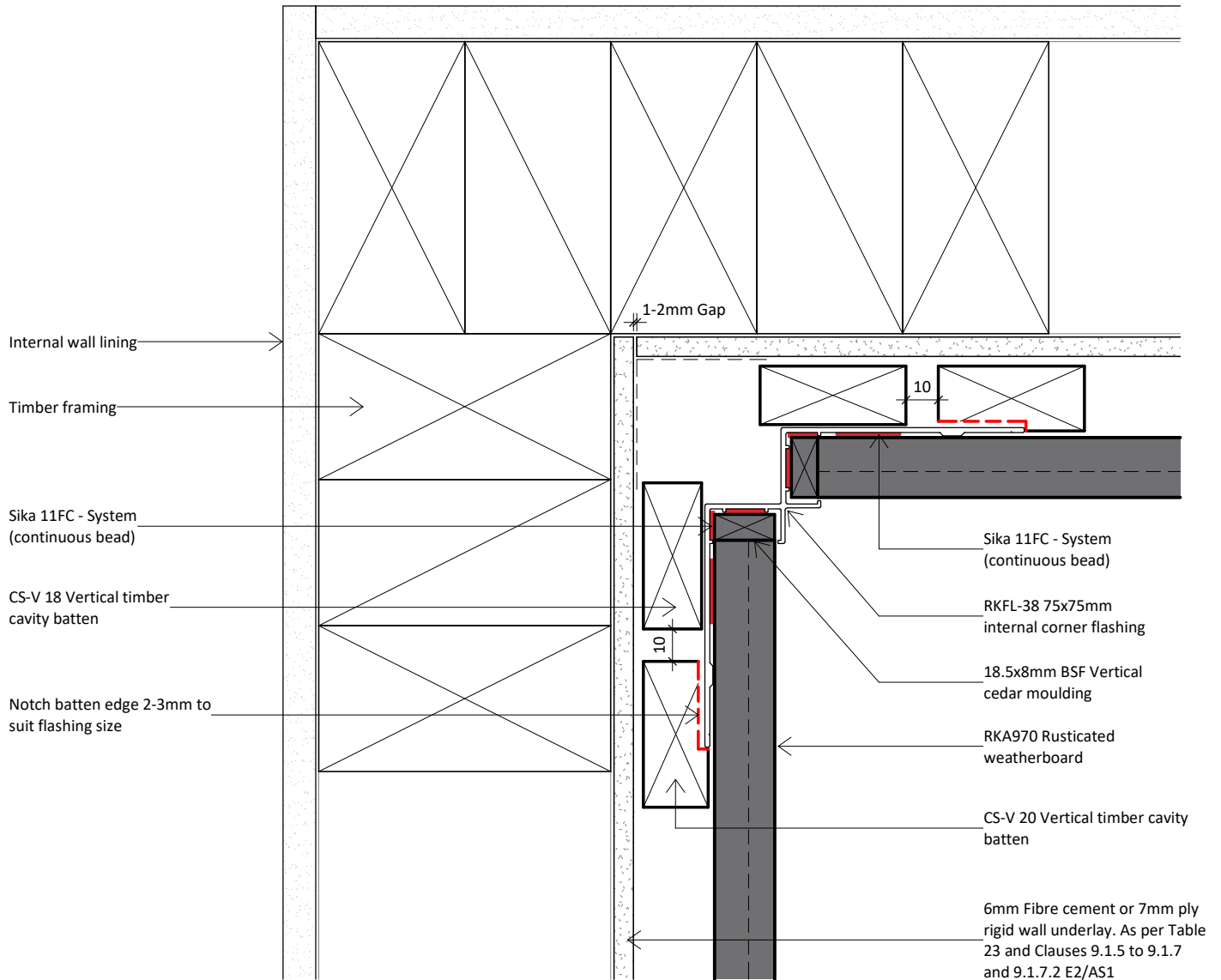
Title  
**Aluminium Sill Detail**

Drawing  
**RKRC20-RU-03**

Scale 1:2 @ A4 Date 26.05.2023



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- Ensure vertical CS-V 18 corner battens are 2-3mm thinner than the adjacent 20mm CS-V 20 Vertical battens, this is to take up the flashing thickness.



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Title  
**Internal Corner RKFL-38 Detail**

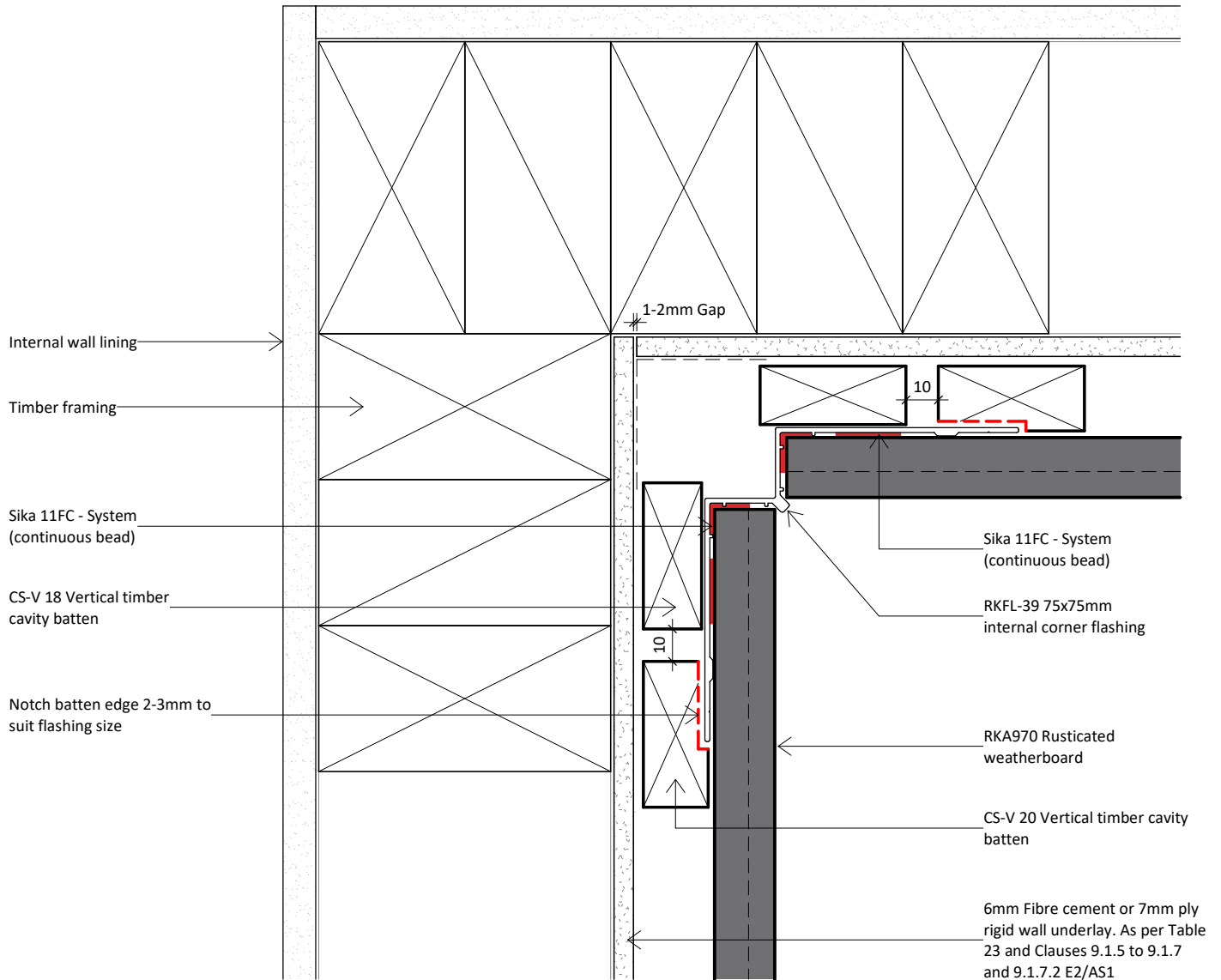
Drawing

**RKRC20-RU-11**

Scale 1:2 @ A4

Date 26.05.2023

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Title  
**Internal Corner RKFL-39 Detail**

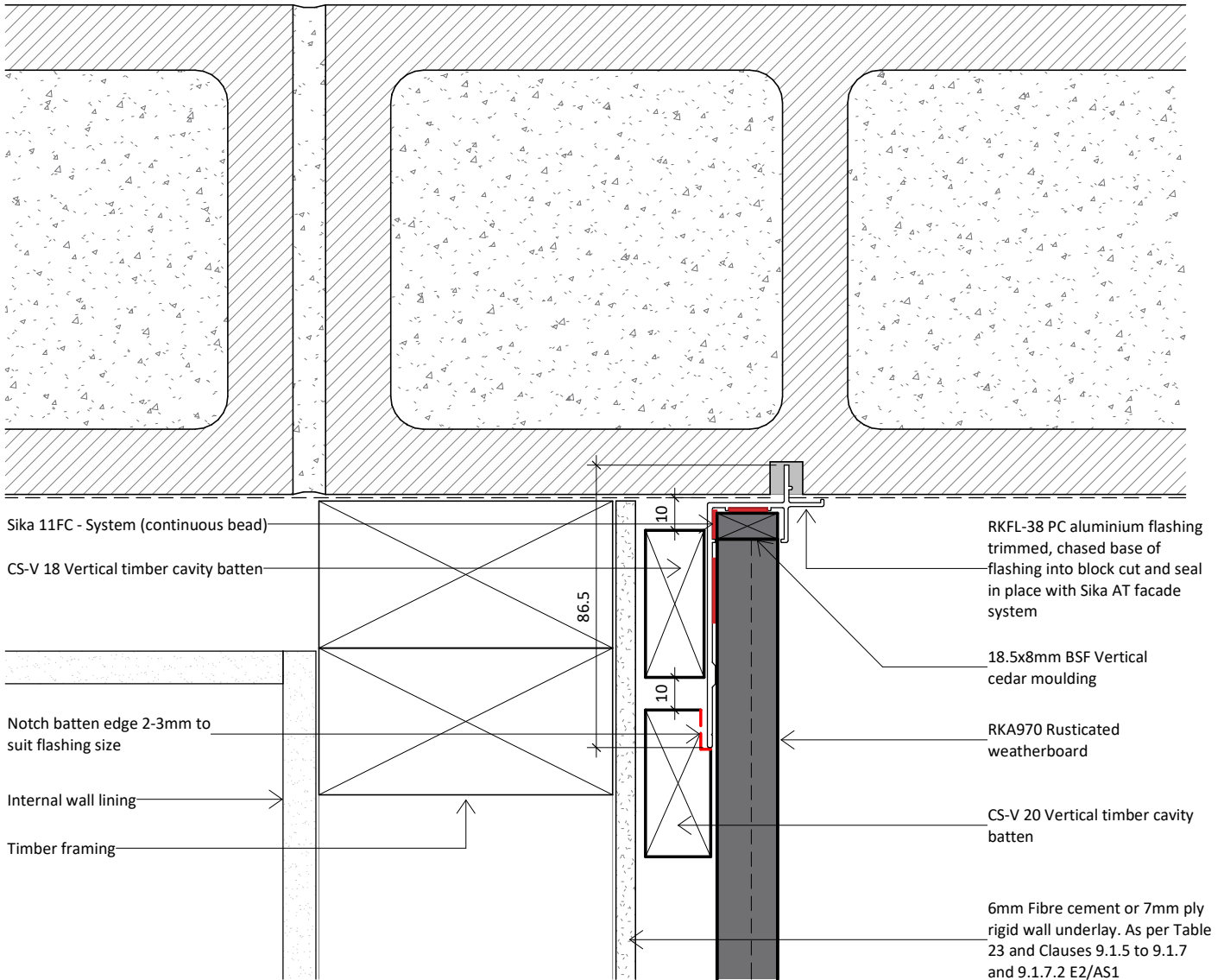
Drawing

**RKRC20-RU-12**

Scale 1:2 @ A4

Date 26.05.2023

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- Ensure vertical CS-V 18 corner battens are 2-3mm thinner than the adjacent 20mm CS-V 20 Vertical battens, this is to take up the flashing thickness.

### Generic Non-Standard Detail - Not for Construction - Issued only with RK approval



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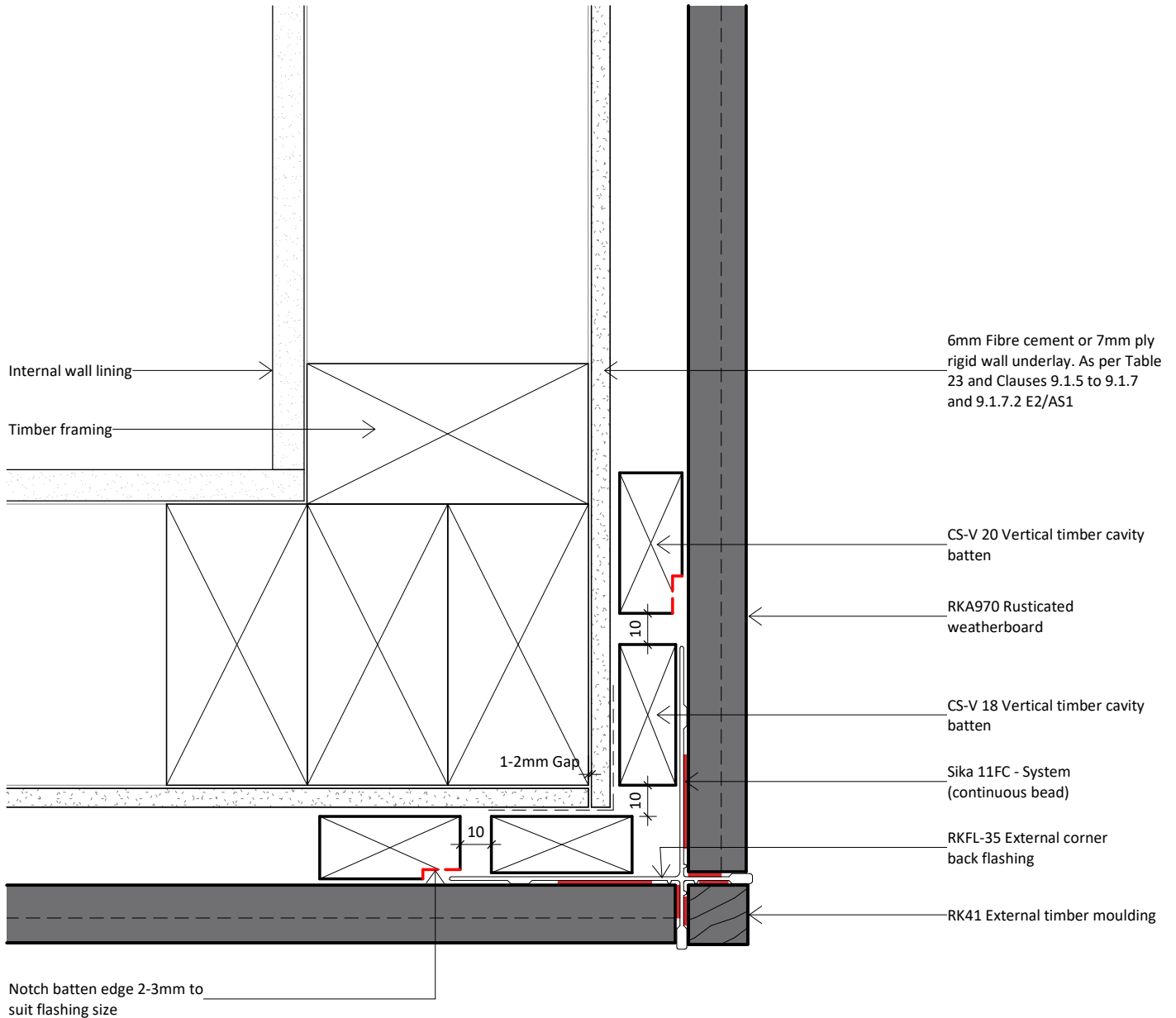
Title  
**Internal Corner RK Brick/Block to Cedar**  
 Drawing

**RKRC20-RU-13**

Scale 1:2 @ A4

Date 26.05.2023

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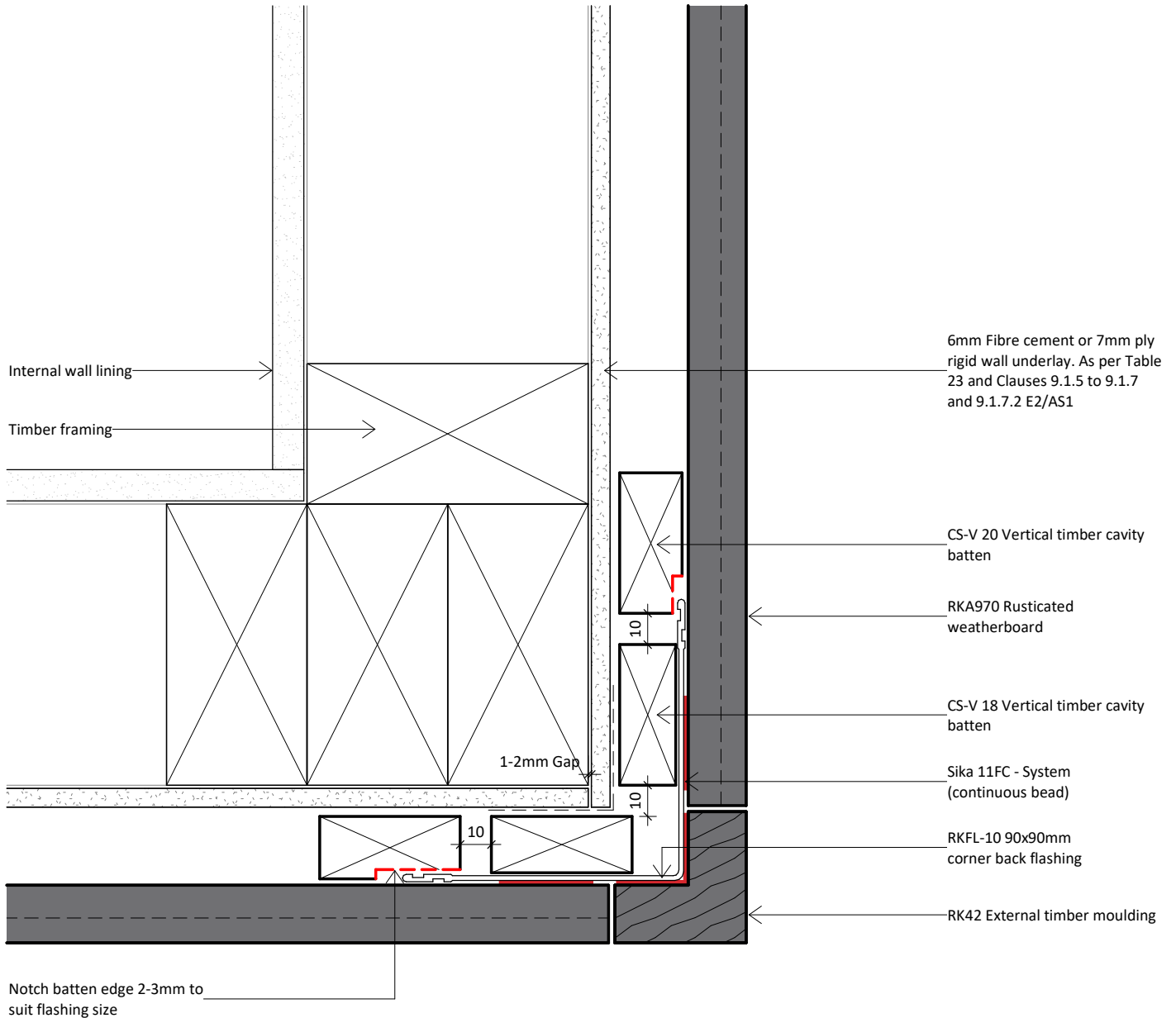
**Christchurch Branch:**  
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Title  
**External Corner RKFL-35 Detail**

Drawing  
**RKRC20-RU-21**

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



- Ensure vertical CS-V 18 corner battens are 2-3mm thinner than the adjacent 20mm CS-V 20 Vertical battens, this is to take up the flashing thickness.



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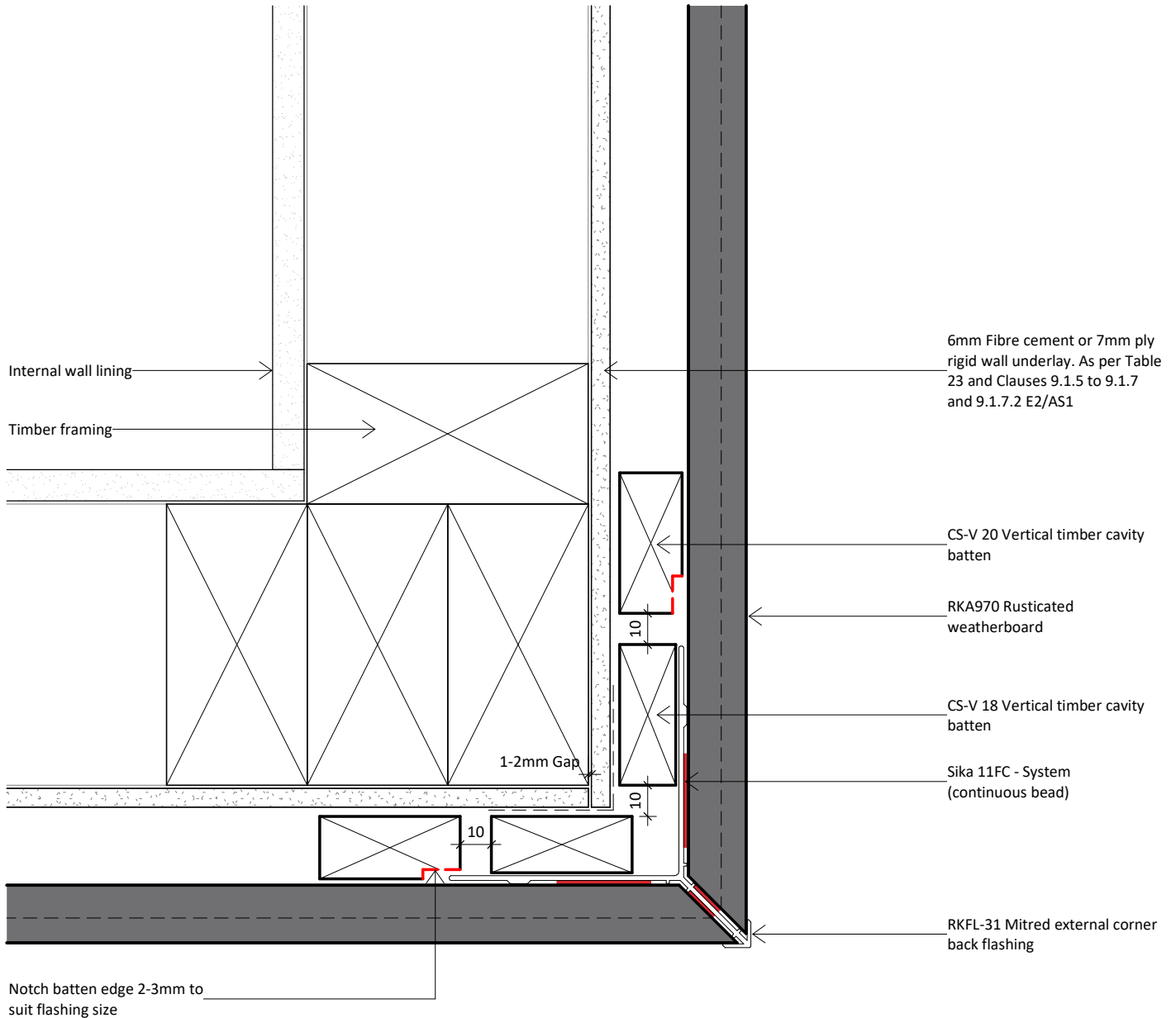
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Title  
**External Corner RK42 Detail**

Drawing  
**RKRC20-RU-22**

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



- Ensure vertical CS-V 18 corner battens are 2-3mm thinner than the adjacent 20mm CS-V 20 Vertical battens, this is to take up the flashing thickness.



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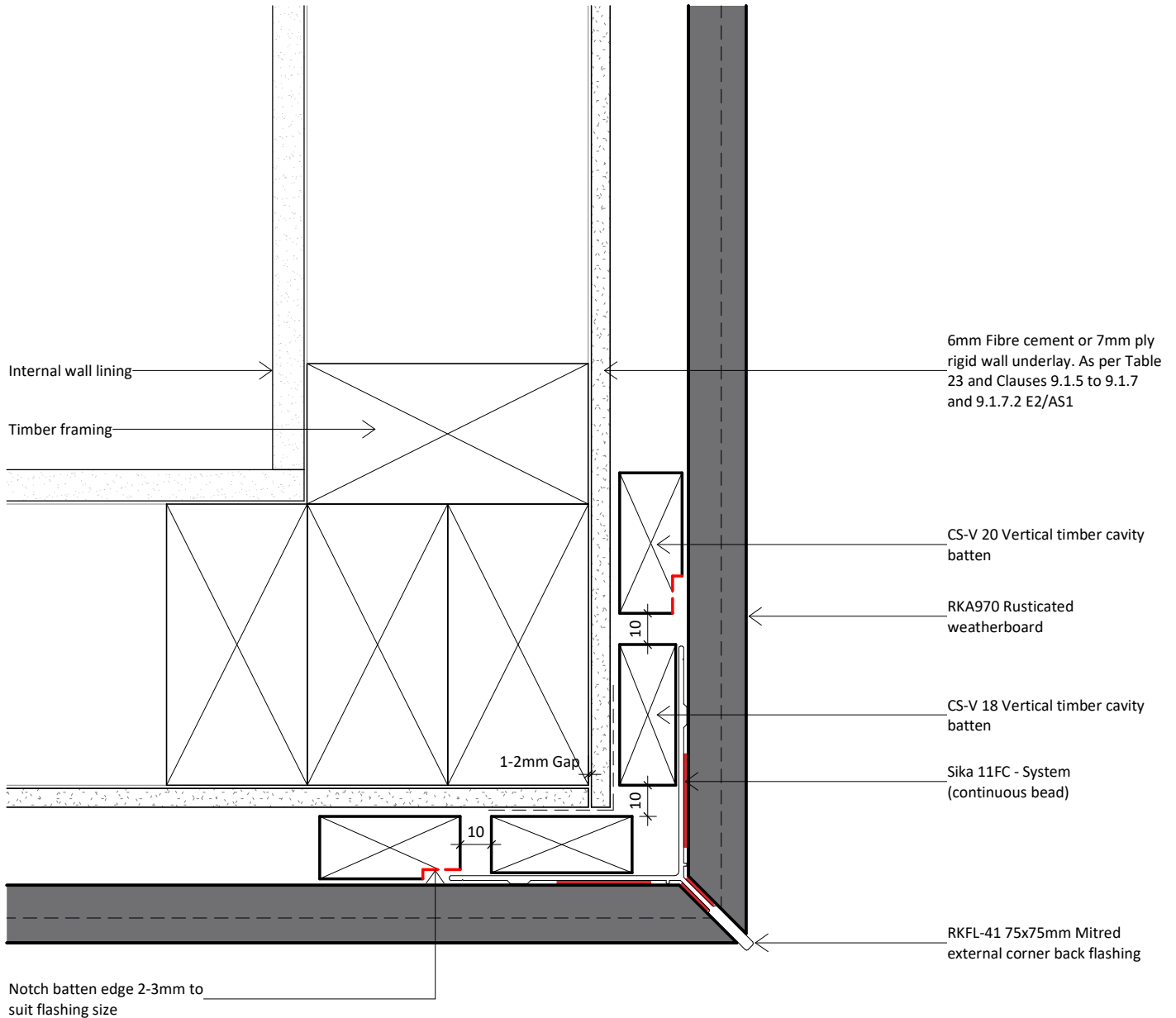
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Title  
**External Corner RKFL-31 Detail**

Drawing  
**RKRC20-RU-23**

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



- Ensure vertical CS-V 18 corner battens are 2-3mm thinner than the adjacent 20mm CS-V 20 Vertical battens, this is to take up the flashing thickness.



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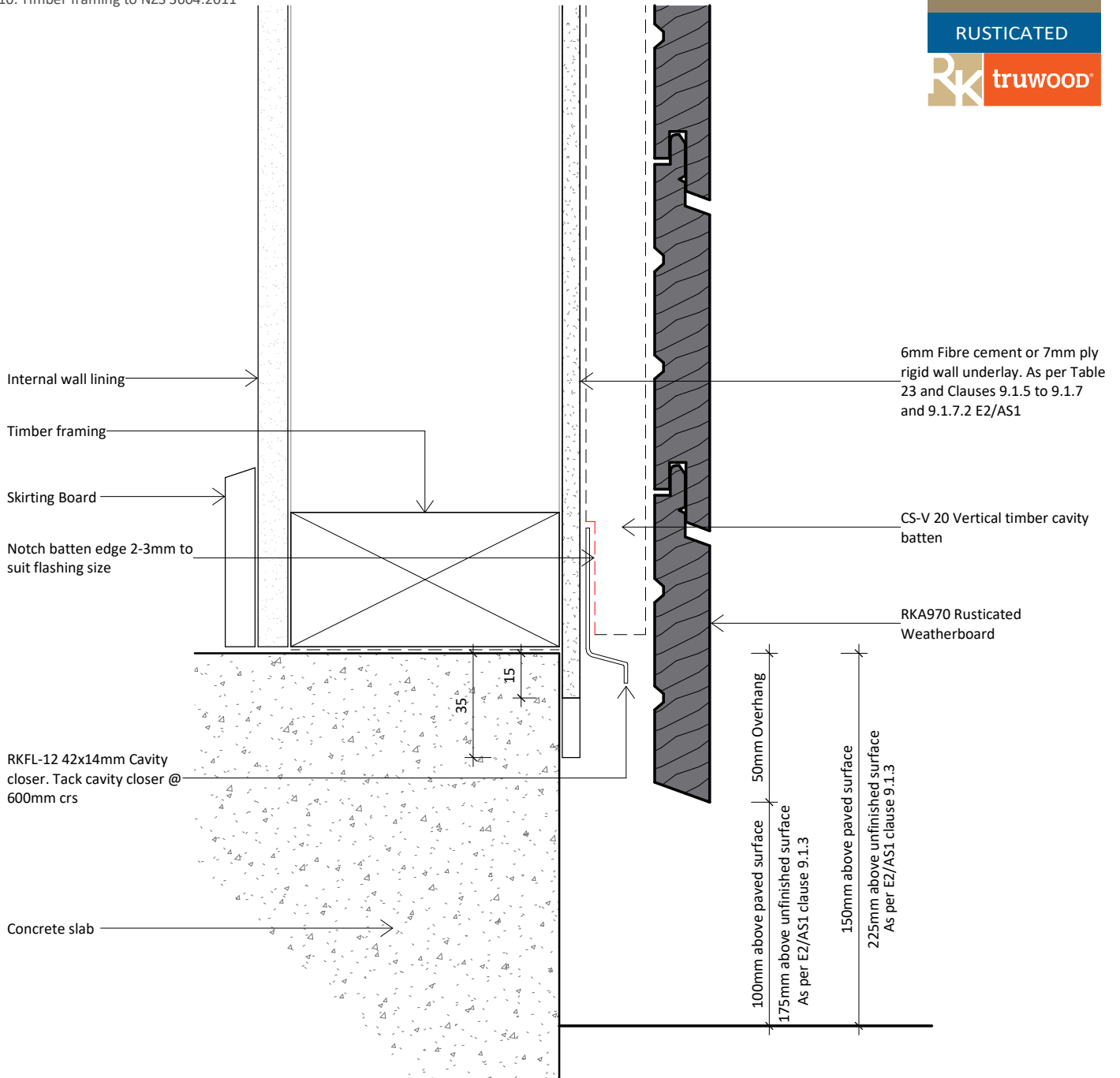
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Title  
**External Corner RKFL-41 Detail**

Drawing  
**RKRC20-RU-24**

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



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F: +64 9 573 0504  
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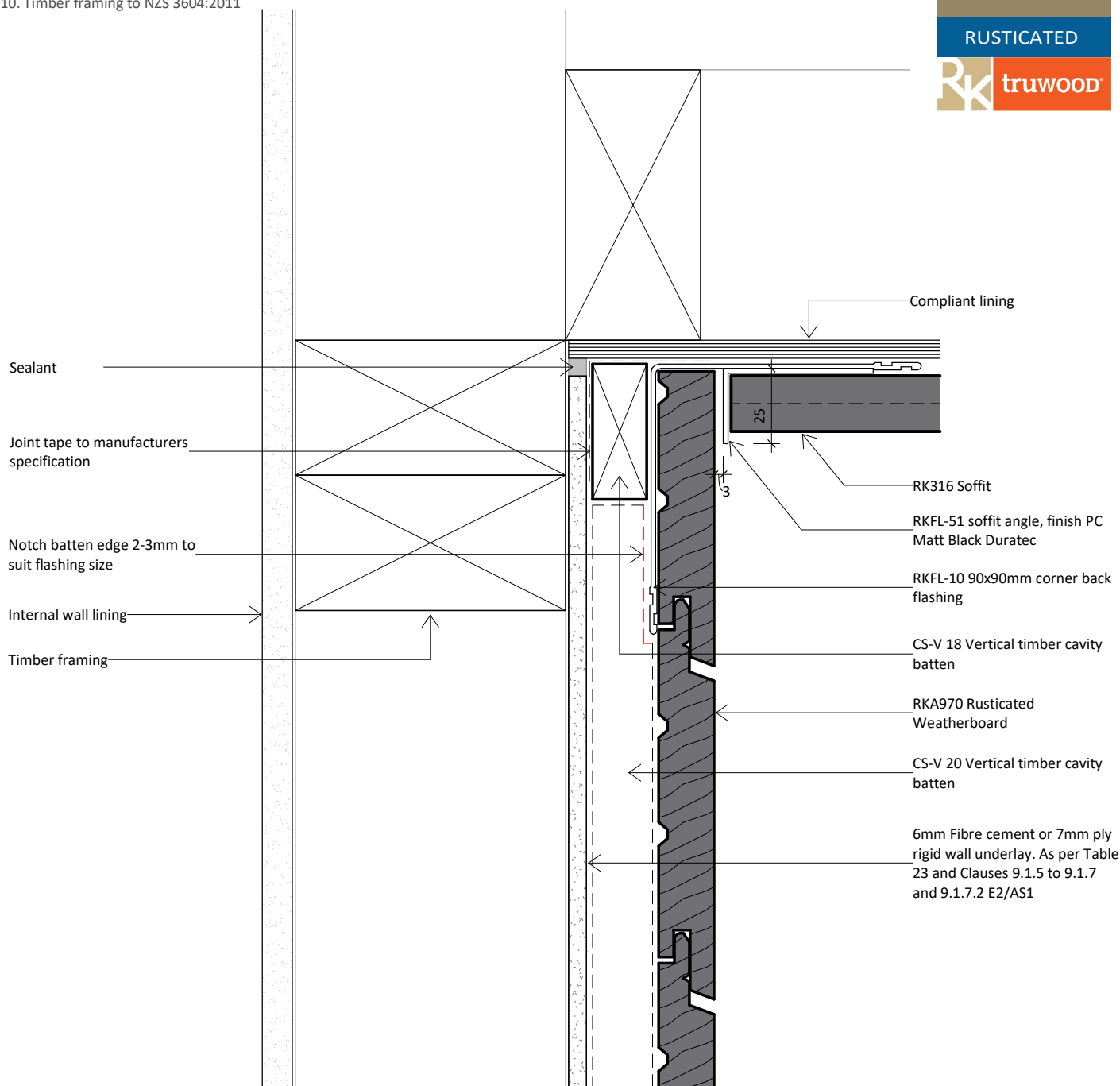
Title  
**Bottom Plate Detail**

Drawing  
**RKRC20-RU-41**

Scale 1:2 @ A4 Date 26.05.2023



1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



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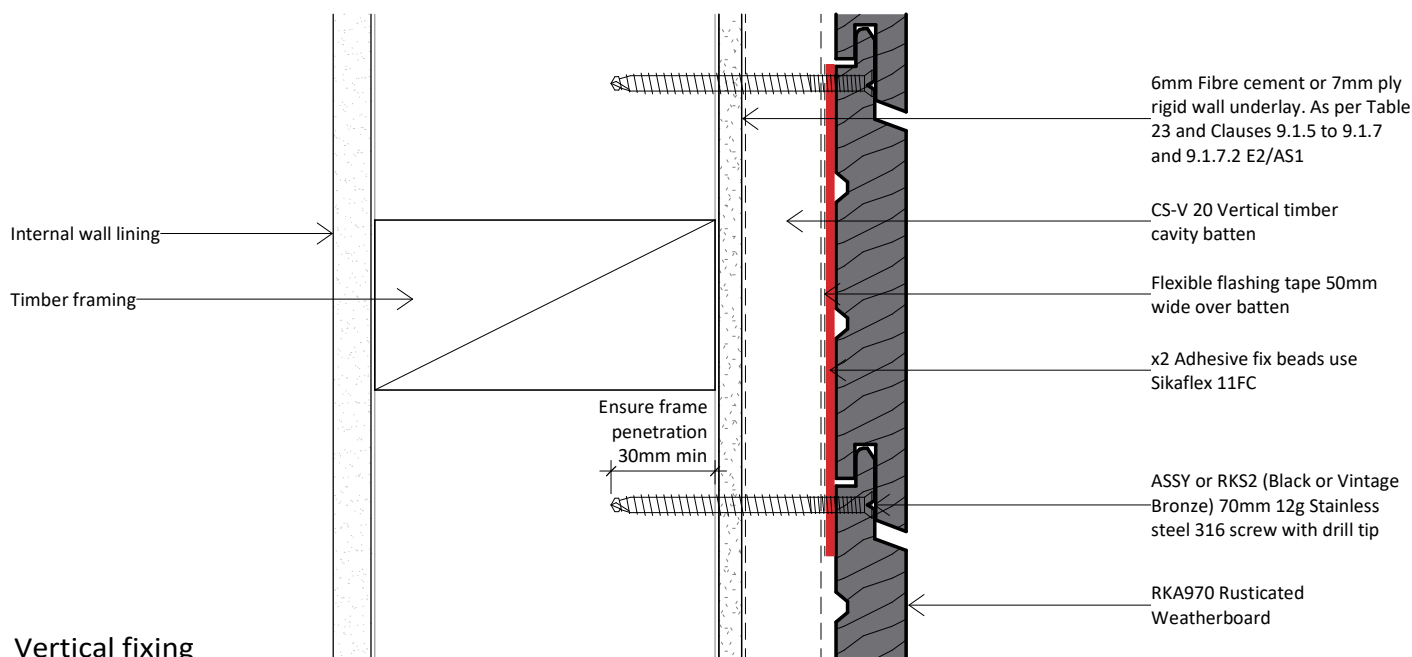
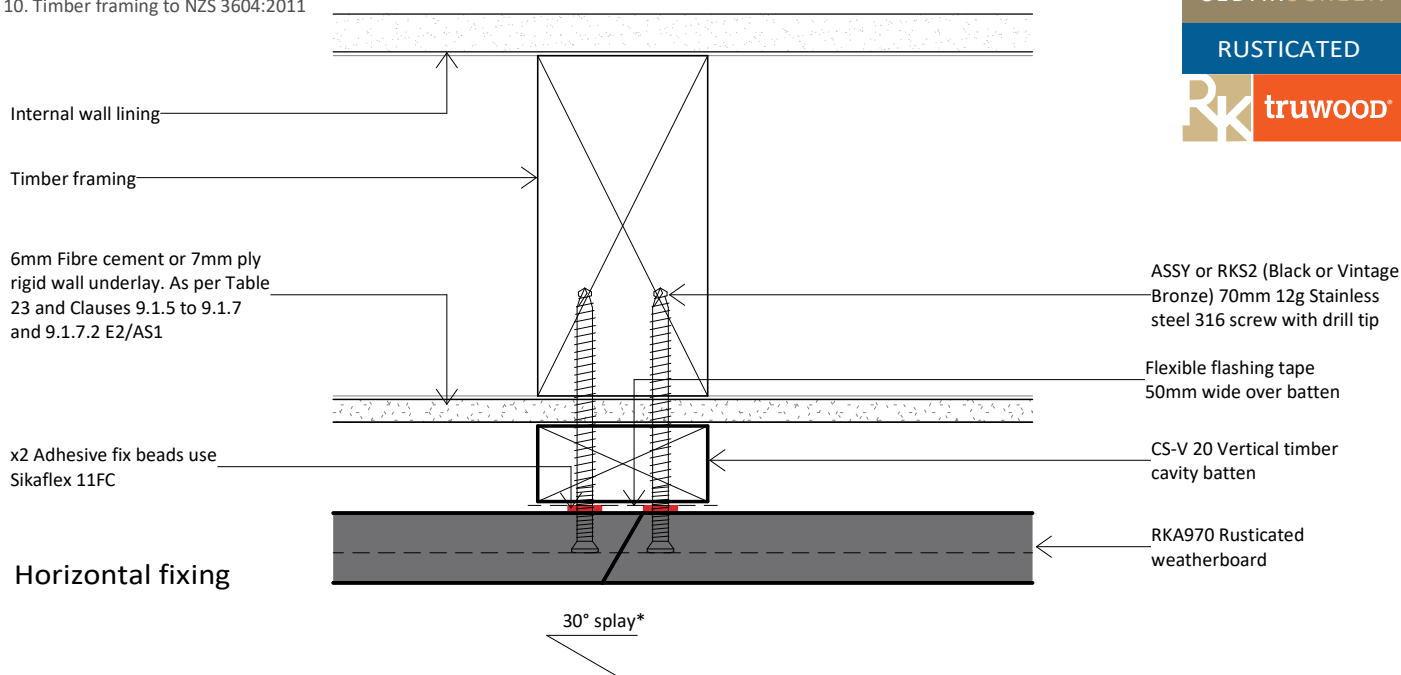
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Title  
**Top Plate to Soffit Detail**

Drawing  
**RKRC20-RU-42**

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



- Pre drill all fixing points prior to screw fixing to reduce the risk of splitting.
- Do not over drive fixings, hand torque fixings in place.
- Use RK drill stop to suit the RK/S2 12g screws

- \*Joints to be formed using vertical grain timber
- \*Stagger board joints across the façade - limit one joint per full length
- \*30 degree splay cut bond edge to edge using CRC builders glue

## Generic Non-Standard Detail - Not for Construction - Issued only with RK approval



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F: +64 9 573 0504  
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Title  
**Scarf Joint Detail**

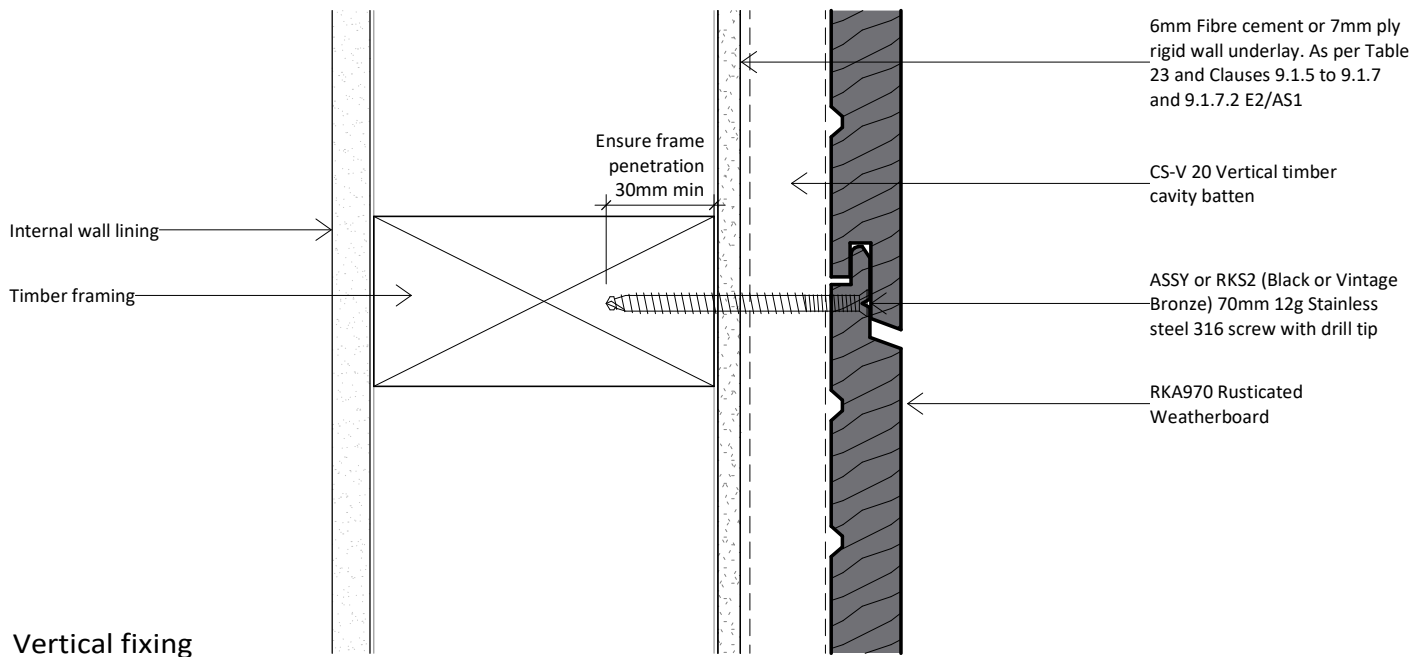
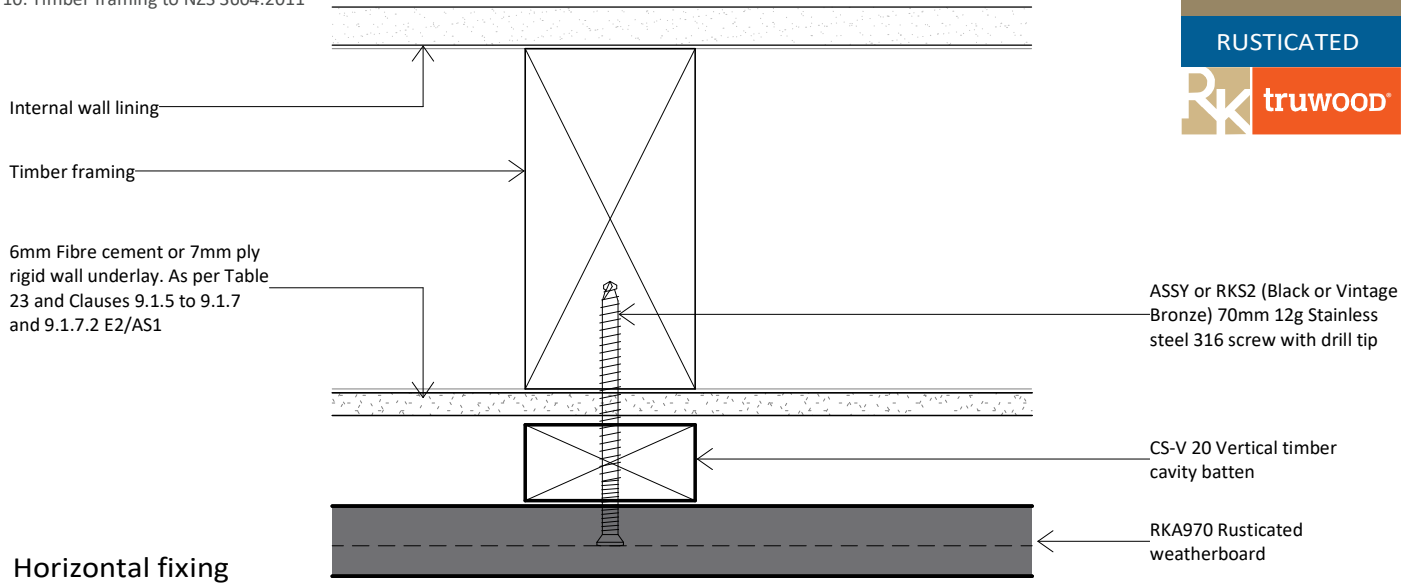
Drawing

**RKRC20-RU-46**

Scale 1: 2 @ A4

Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a)
3. Fixings as per Table 24 E2/AS1
4. Compatibility of materials as per Tables 20-22 E2/AS1
5. Flashing as per Clause 4.0 E2/AS1
6. Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative
7. All weatherboards to be factory oiled to all faces and weathergrooves prior to installation, ensure maintenance is to manufacturers recommendations
8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



- Pre drill all fixing points prior to screw fixing to reduce the risk of splitting.
- Do not over drive fixings, hand torque fixings in place.
- Use RK drill stop to suit the RK/S2 12g screws



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**Auckland Branch:**  
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F: +64 9 573 0504  
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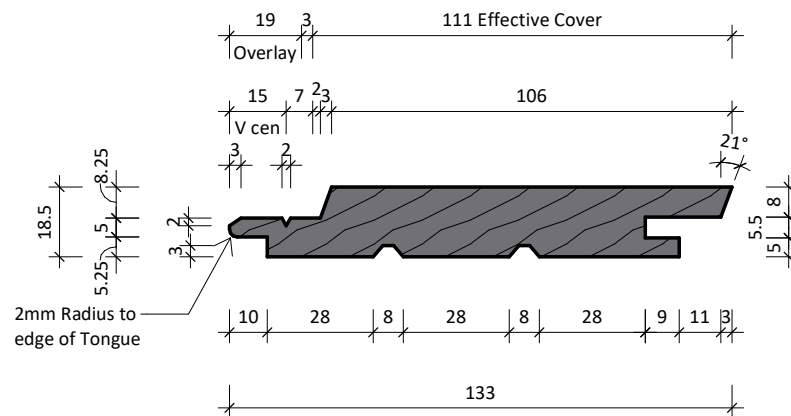
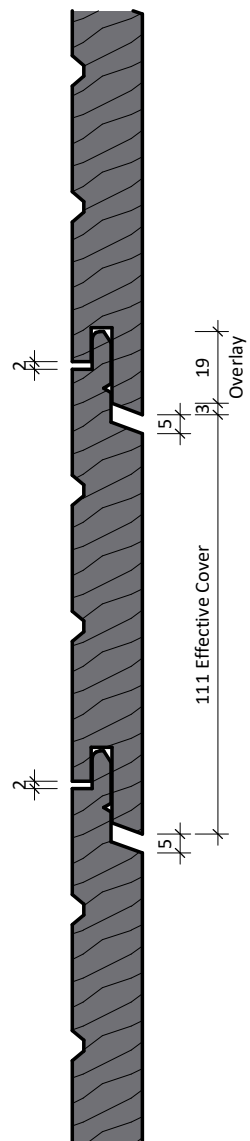
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Title  
**Screw Fixing Detail**

Drawing  
**RKRC20-RU-47**

Scale 1:2 @ A4 Date 26.05.2023

1. Profile for oiled or stained weatherboards only.
2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a).
3. Timber to comply with NZBC B2 Durability B2.3.1 (b).
4. Profiles shall be fixed in accordance with E2/AS1 Table 24.



Finish:  
 - BSF (Band sawn finish)  
 - DFS (Dressed face sanded)



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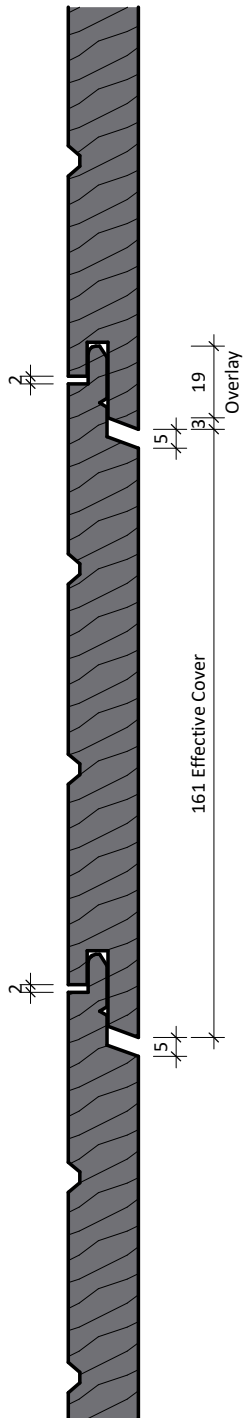
T: +64 3 349 3316  
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Title  
**133x18.5mm (5mm neg) Profile**

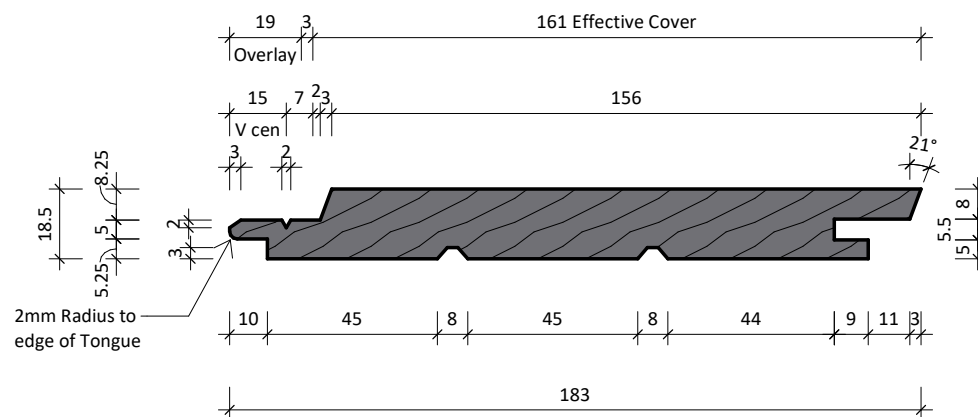
Drawing

**RKA970**

Scale 1 : 2 @ A4 Date 26.05.2023



- 1. Profile for oiled or stained weatherboards only.
- 2. Profiles as per NZS 3617, Branz Bulletin 411 and/or compliance achieved through in-service history, length of service not less than 15 years in all NZ environments B2/VM1 1.1.1 (a).
- 3. Timber to comply with NZBC B2 Durability B2.3.1 (b).
- 4. Profiles shall be fixed in accordance with E2/AS1 Table 24.



Finish:  
 - BSF (Band sawn finish)  
 - DFS (Dressed face sanded)



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 F: +64 9 573 0504  
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**Christchurch Branch:**

T: +64 3 349 3316  
 F: +64 3 349 3317  
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Title  
**183x18.5mm (5mm neg) Profile**

Drawing  
**RKA971**

Scale 1 : 2 @ A4 Date 26.05.2023