

Vertical Concealed Fixing Details - 20mm Cavity on Rigid Underlay



Drawing	Sheet Name	Date
Typical Details		
RKVC20-RU-00	Index	26.05.2023
RKVC-BATT	RKV 20mm Cavity Battens	26.05.2023
RKVC-FLG-01	Flashing Details	26.05.2023
RKVC-FLG-02	Flashing Details	26.05.2023
RKVC-MOULD	RK Profiles	26.05.2023
Window Details		
RKVC20-RU-01	Aluminium Head Detail	26.05.2023
RKVC20-RU-02	Aluminium Jamb Detail	26.05.2023
RKVC20-RU-03	Aluminium Sill Detail	26.05.2023
Internal Corner Details		
RKVC20-RU-11	Internal Corner RKFL-38 Detail	26.05.2023
RKVC20-RU-12	Internal Corner RKFL-39 Detail	26.05.2023
RKVC20-RU-13	Internal Corner RK Brick/Block to Cedar	26.05.2023
External Corner Details		
RKVC20-RU-21	External Corner RKFL-35 Detail	26.05.2023
RKVC20-RU-22	External Corner RK42 Detail	26.05.2023
RKVC20-RU-23	External Corner RKFL-31 Detail	26.05.2023
RKVC20-RU-24	External Corner RKFL-41 Detail	26.05.2023
Vertical Details		
RKVC20-RU-41	Bottom Plate Detail	26.05.2023
RKVC20-RU-42	Top Plate to Soffit Detail	26.05.2023
RKVC20-RU-47	Screw Fixing Detail	26.05.2023
RKVC20-RU-50	Vertical Board Splice Detail	26.05.2023
	60x20mm Batten	

Vertical Tongue & Groove Profiles

Drawing	Sheet Name	Date
RKA957	129x18.5mm (6mm neg) Profile	26.05.2023
RKA961	184x18.5mm (6mm neg) Profile	26.05.2023



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Title
Index

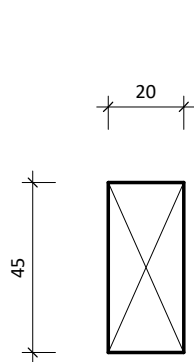
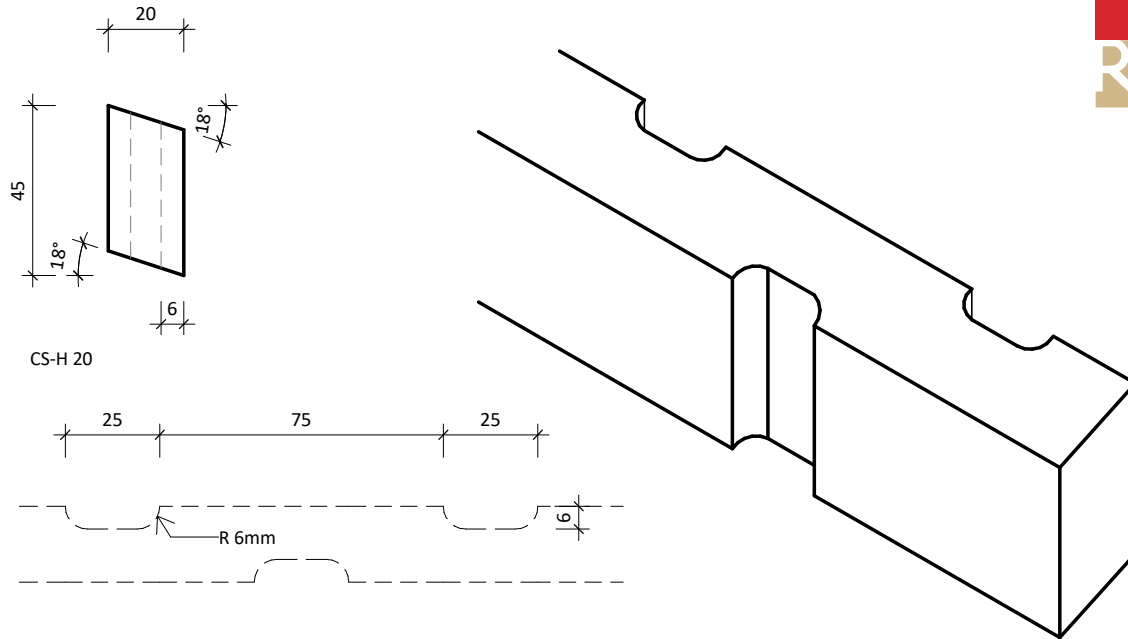
Drawing

RKVC20-RU-00

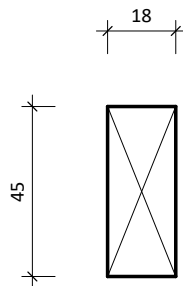
Scale @ A4

Date 26.05.2023

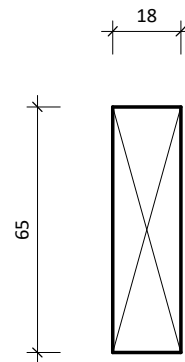
1. Scope as per Clauses 1.0 and 9.4 E2/AS1
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8. The weatherboard system relies on the joinery meeting the requirements of NZS 4211 for the relevant building windzone or wind pressure
9. Timber to NZBC B2 Durability B2.3.1(b), Western Red Cedar, Larch and Truwood®
10. Timber framing to NZS 3604:2011



CS-V 20 Vertical timber cavity batten



CS-V 18 Vertical timber cavity batten



CS-V 18 Vertical timber cavity batten



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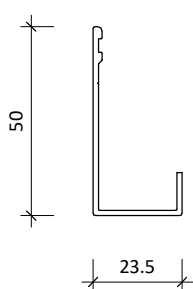
Title
RKV 20mm Cavity Battens

Drawing
RKVC-BATT

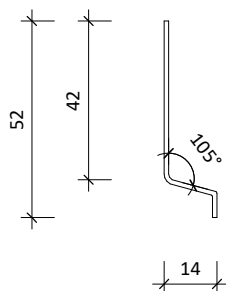
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Date 26.05.2023

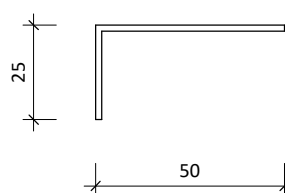
1. Scope as per Clauses 1.0 and 9.4 E2/AS1
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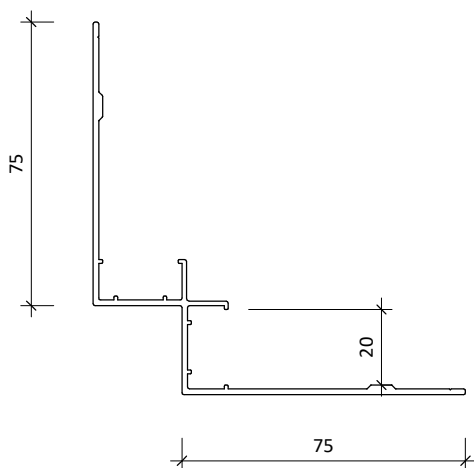
RKFL-11 powder coated aluminum jamb flashing



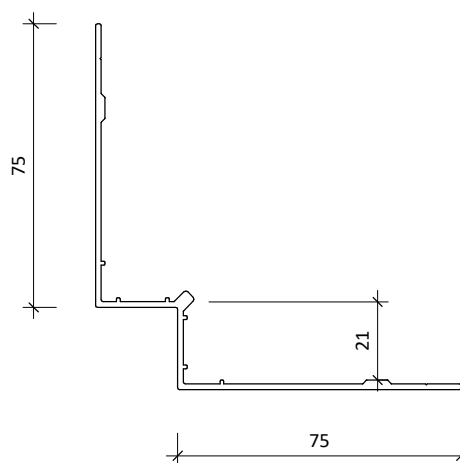
RKFL-12 42x14mm Cavity closer. Tack cavity closer @ 600mm crs



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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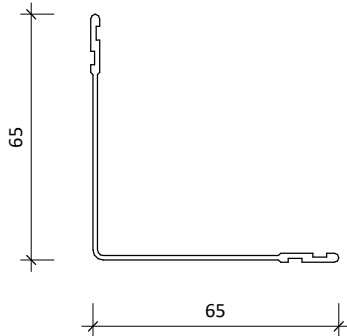
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Title
Flashing Details

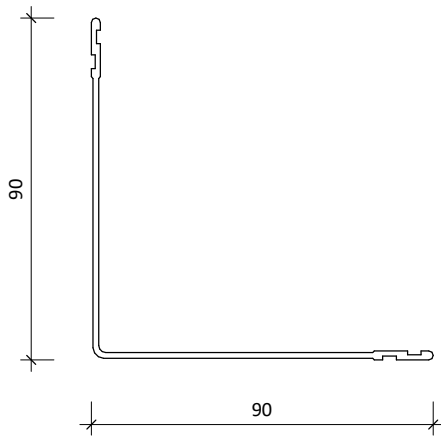
Drawing
RKVC-FLG-01

Scale 1 : 2 @ A4 Date 26.05.2023

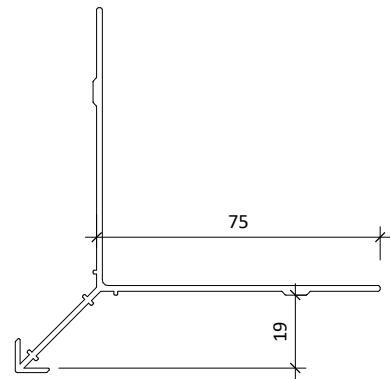
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10. Timber framing to NZS 3604:2011



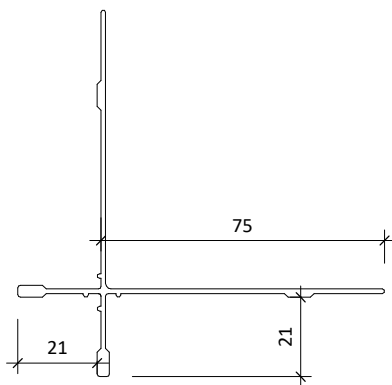
RKFL-09 65x65mm internal/
external corner back flashing



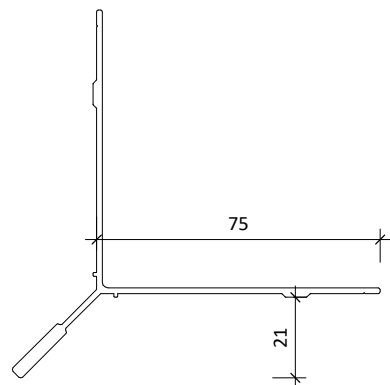
RKFL-10 90x90mm corner back flashing



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

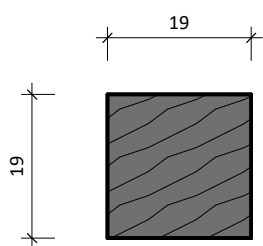
Drawing

RKVC-FLG-02

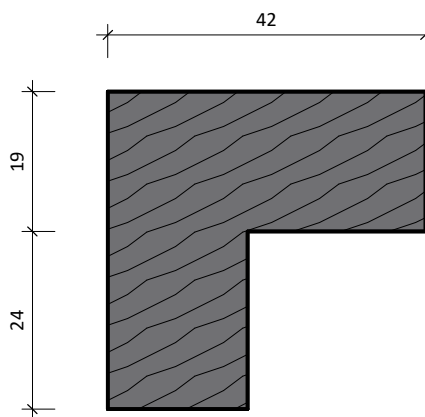
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Date 26.05.2023

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RK41 Timber moulding



RK42 External timber moulding

Options:

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



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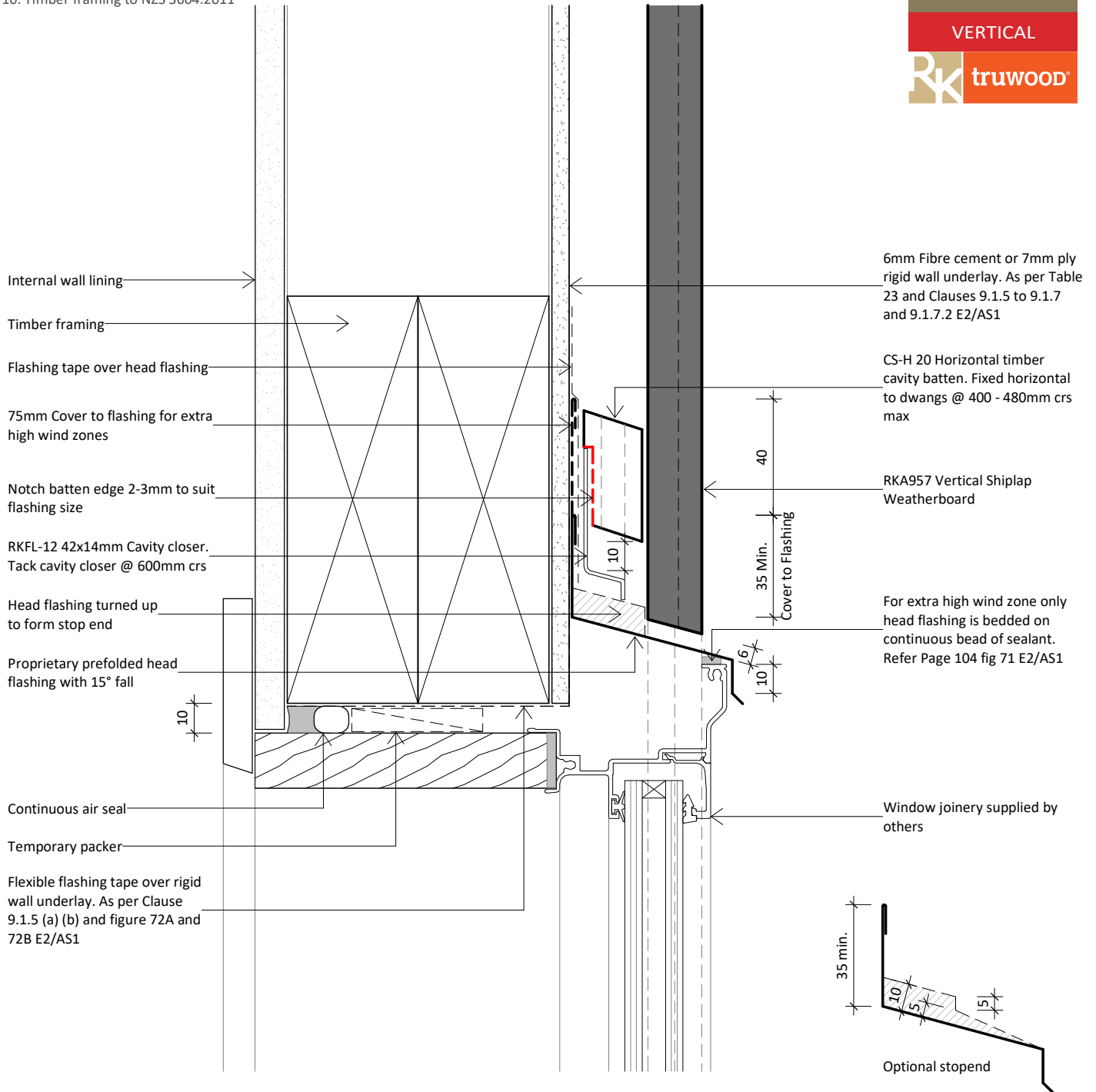
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Title
RK Profiles

Drawing
RKVC-MOULD

Scale 1 : 1 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
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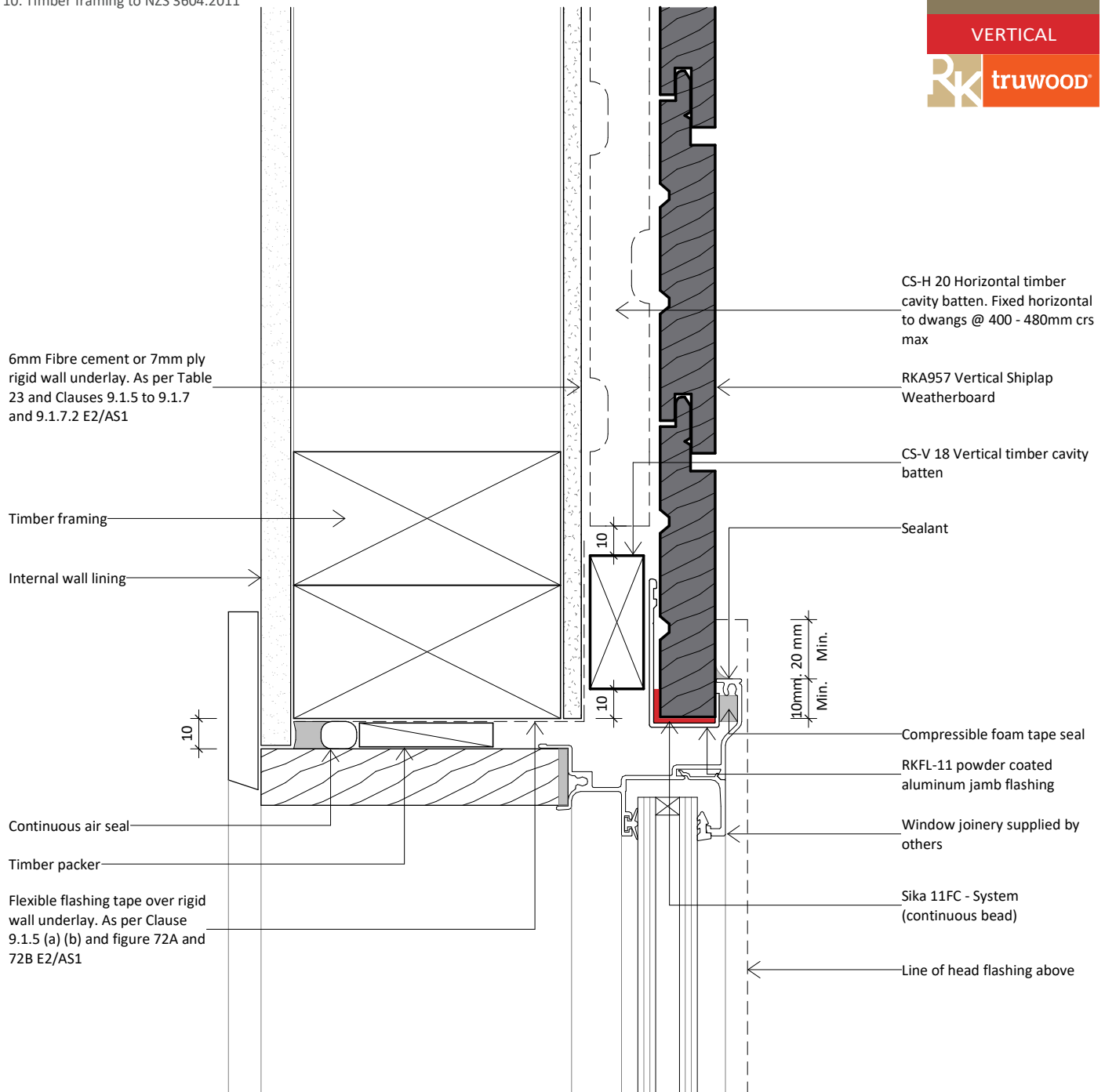
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Title
Aluminium Head Detail

Drawing
RKVC20-RU-01

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
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Title
Aluminium Jamb Detail

Drawing
RKVC20-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

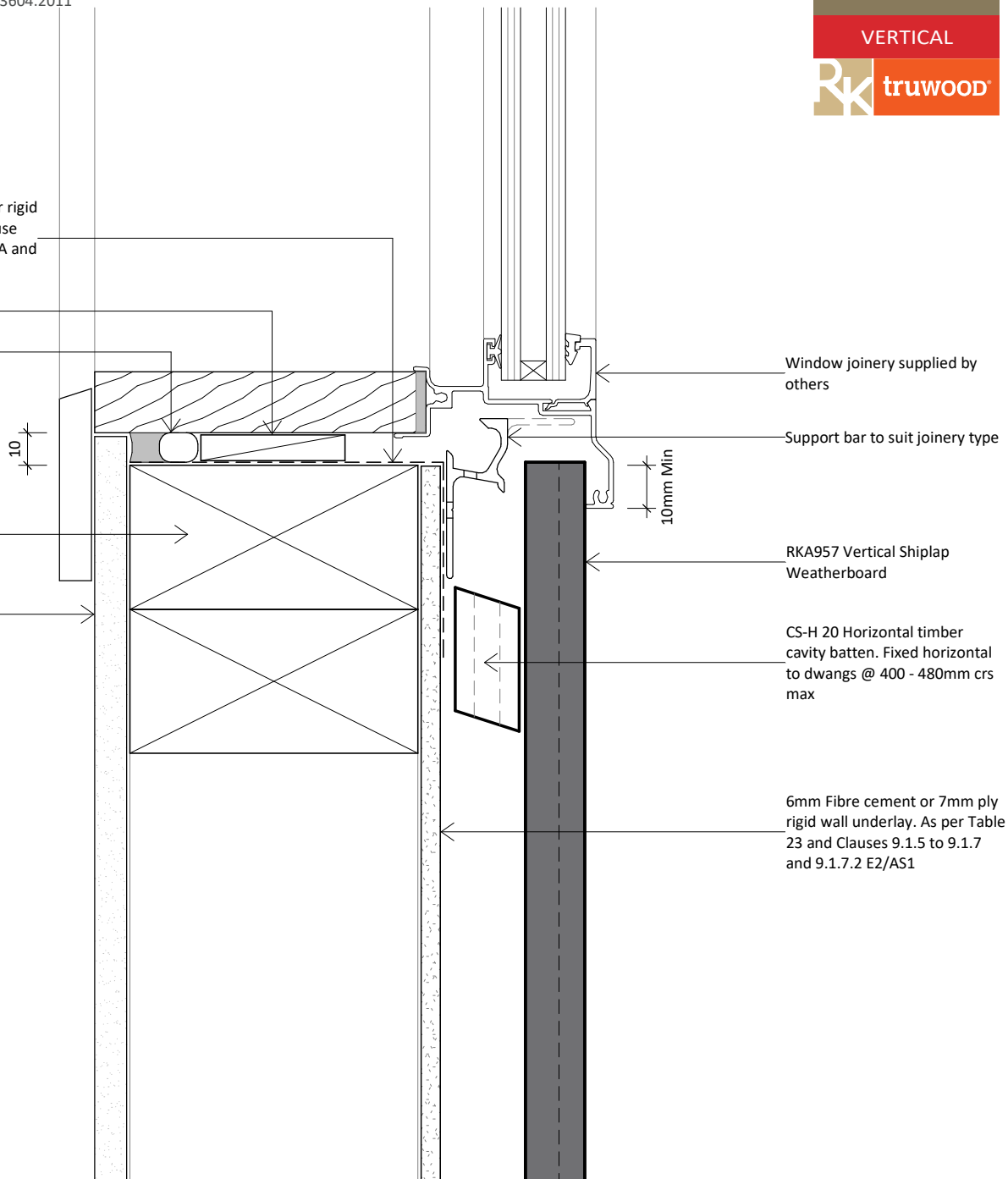
Support bar to suit joinery type

10mm Min

RKA957 Vertical Shiplap Weatherboard

CS-H 20 Horizontal timber cavity batten. Fixed horizontal to dwangs @ 400 - 480mm crs max

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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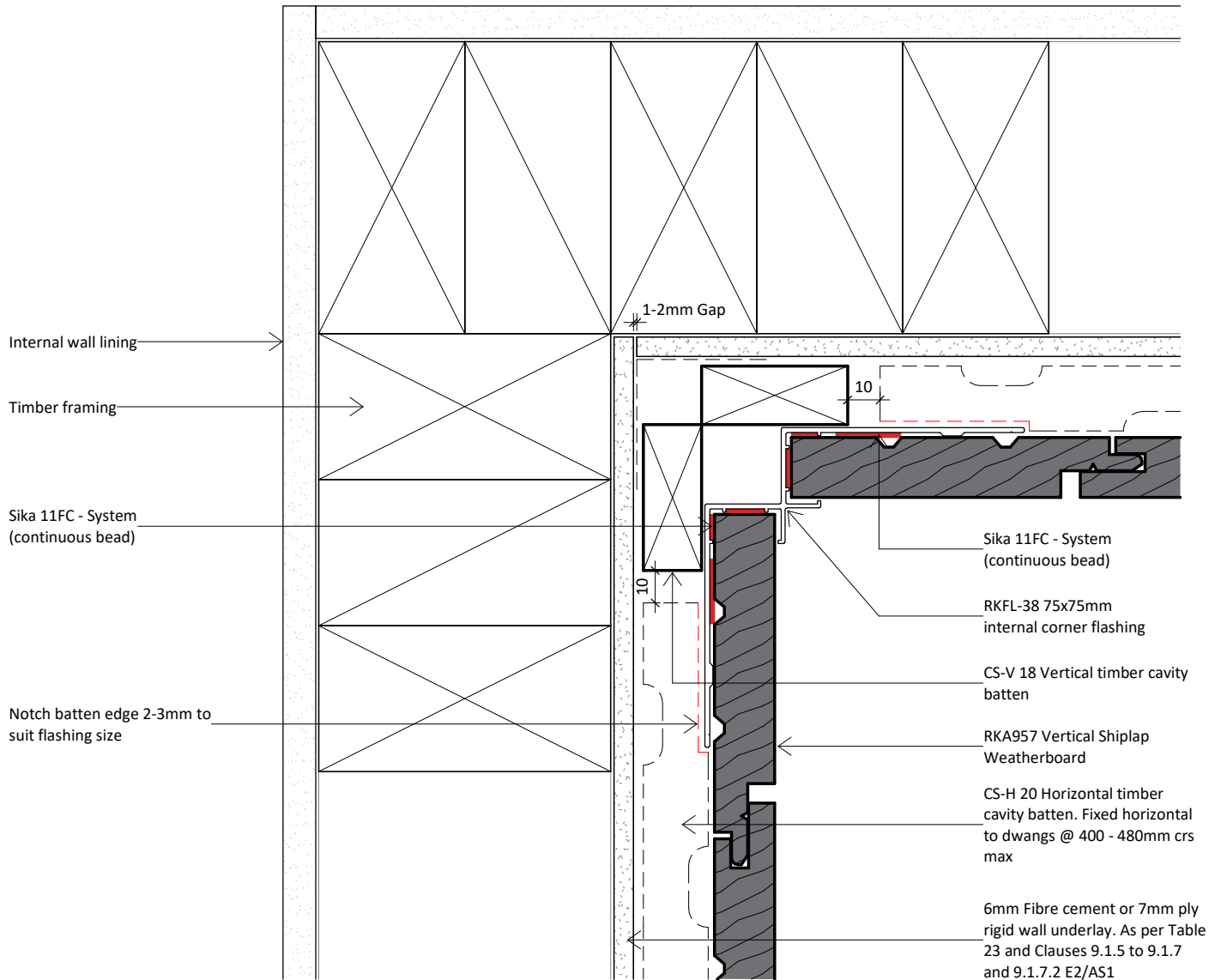
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Title
Aluminium Sill Detail

Drawing
RKVC20-RU-03

Scale 1:2 @ A4 Date 26.05.2023

1. Scope as per Clauses 1.0 and 9.4 E2/AS1
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- Ensure vertical CS-V corners battens are 2-3mm thinner than the adjacent 20mm CS-H 20 Horizontal batten, this is to take up the flashing thickness.



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Title
Internal Corner RKFL-38 Detail

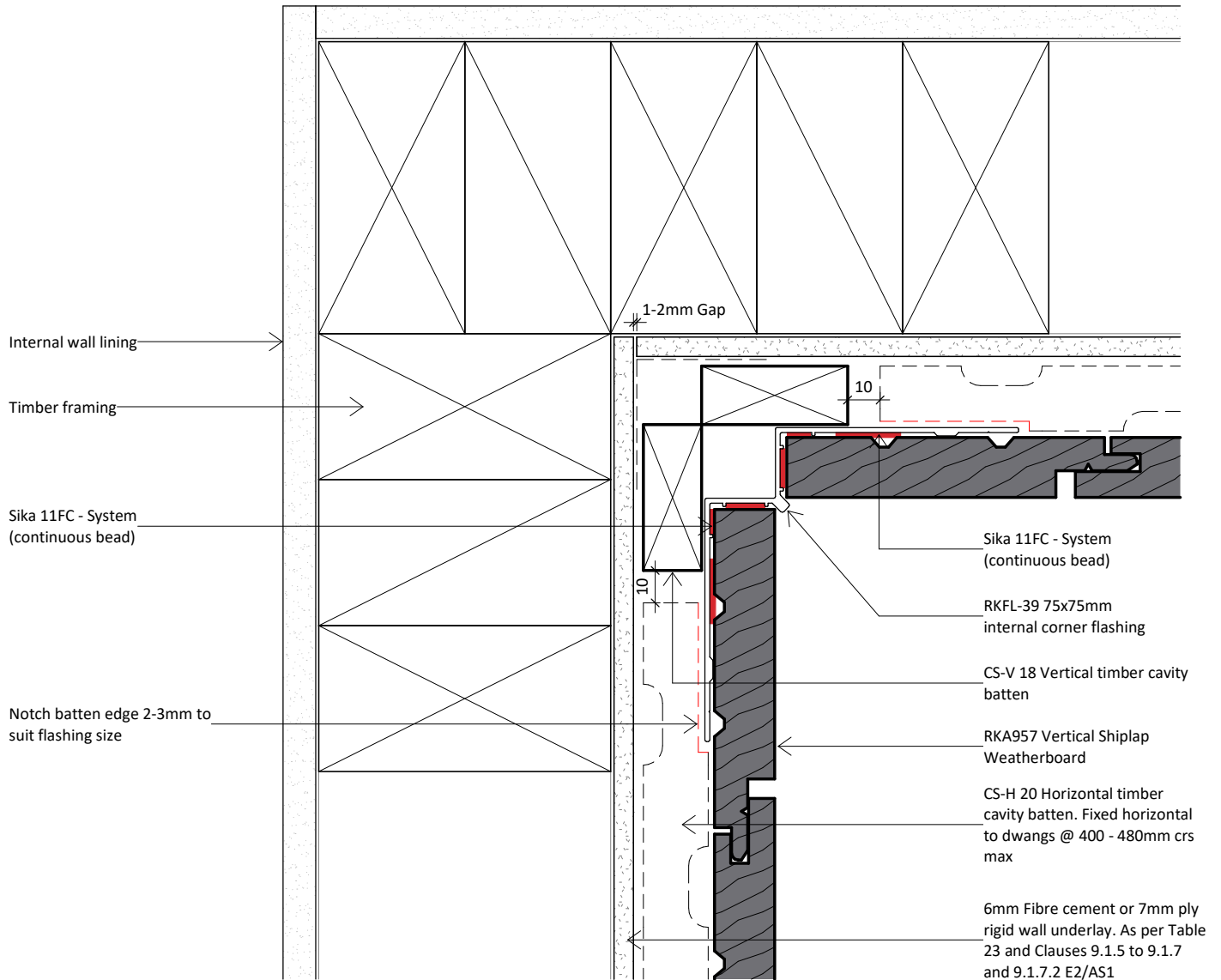
Drawing

RKVC20-RU-11

Scale 1:2 @ A4

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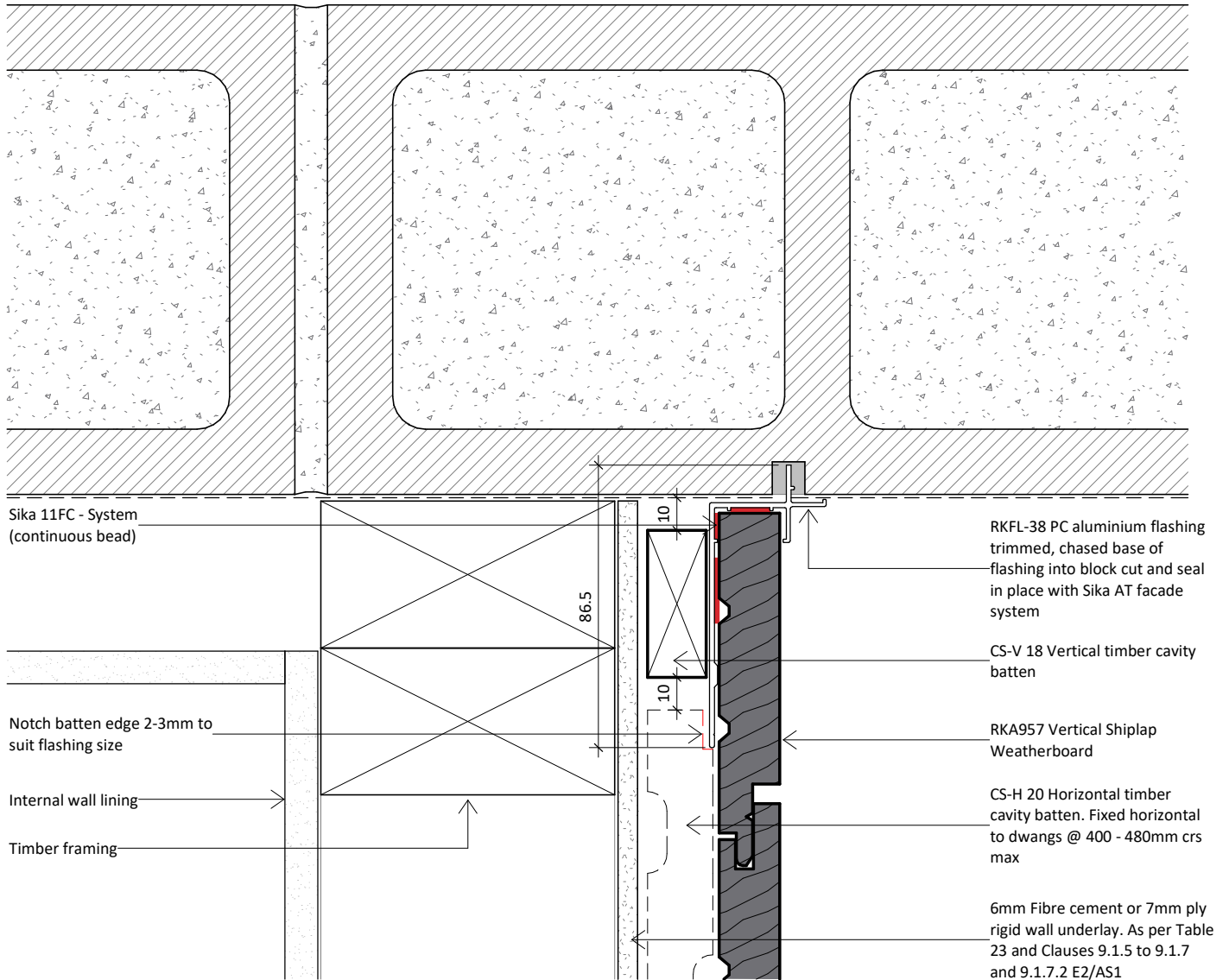
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Title
Internal Corner RKFL-39 Detail

Drawing
RKVC20-RU-12

Scale 1:2 @ A4 Date 26.05.2023

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- Ensure vertical CS-V corners battens are 2-3mm thinner than the adjacent 20mm CS-H 20 Horizontal batten, this is to take up the flashing thickness.

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



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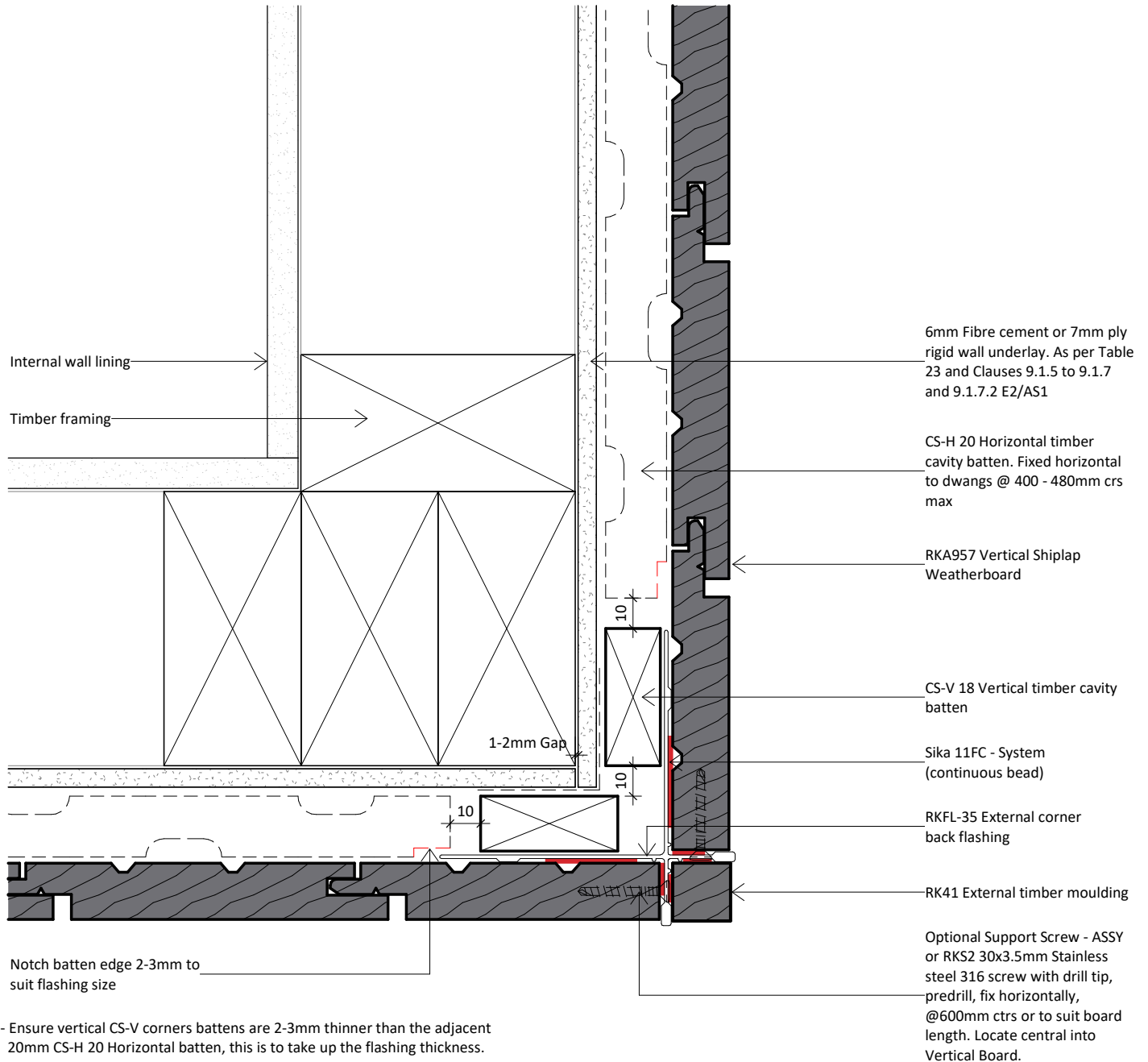
Title
Internal Corner RK Brick/Block to Cedar
Drawing

RKVC20-RU-13

Scale 1:2 @ A4

Date 26.05.2023

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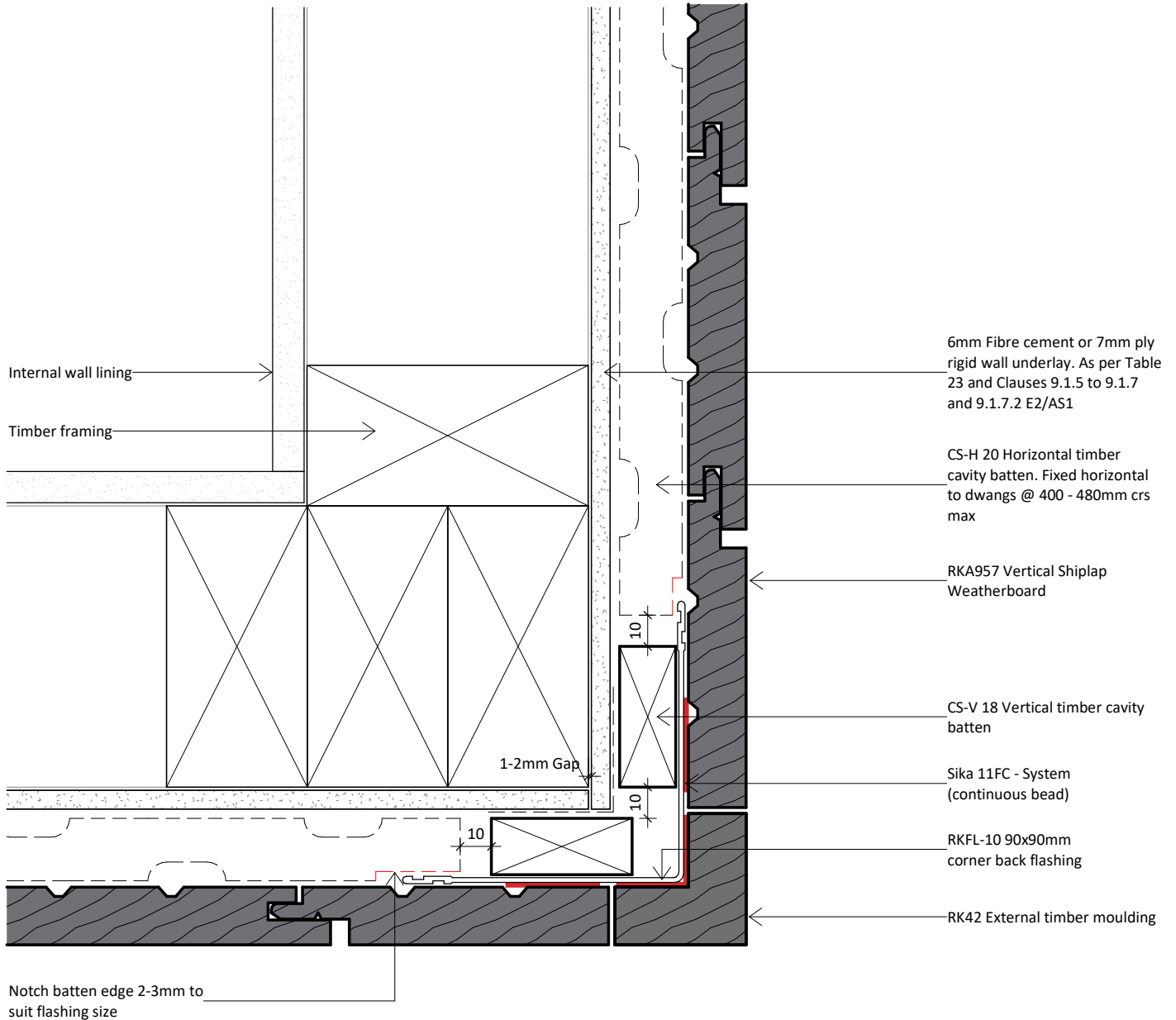
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Title
External Corner RKFL-35 Detail

Drawing
RKVC20-RU-21

Scale 1 : 2 @ A4 Date 26.05.2023

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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 corners battens are 2-3mm thinner than the adjacent 20mm CS-H 20 Horizontal batten, this is to take up the flashing thickness.



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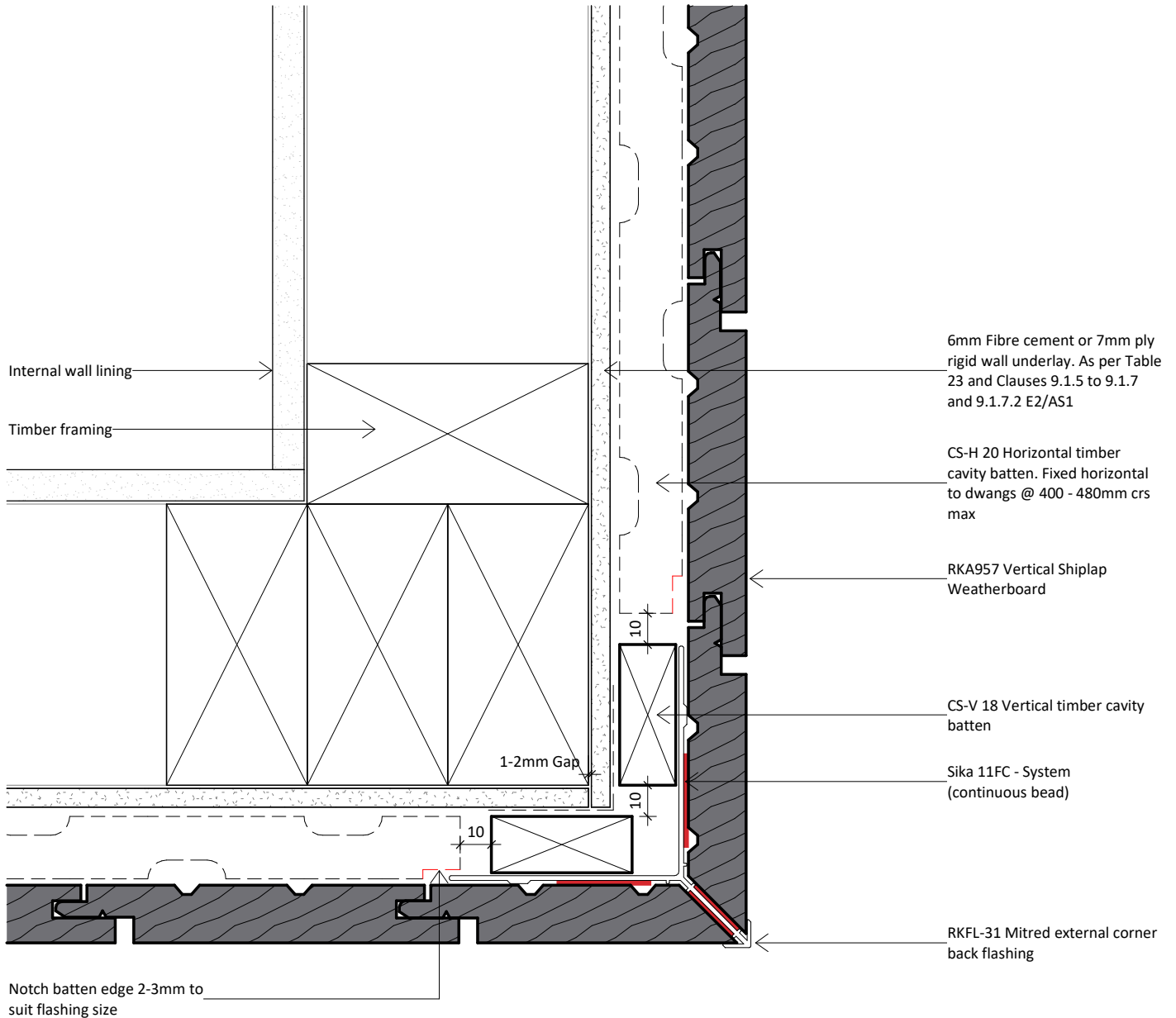
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Title
External Corner RK42 Detail

Drawing
RKVC20-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 corners battens are 2-3mm thinner than the adjacent 20mm CS-H 20 Horizontal batten, this is to take up the flashing thickness.



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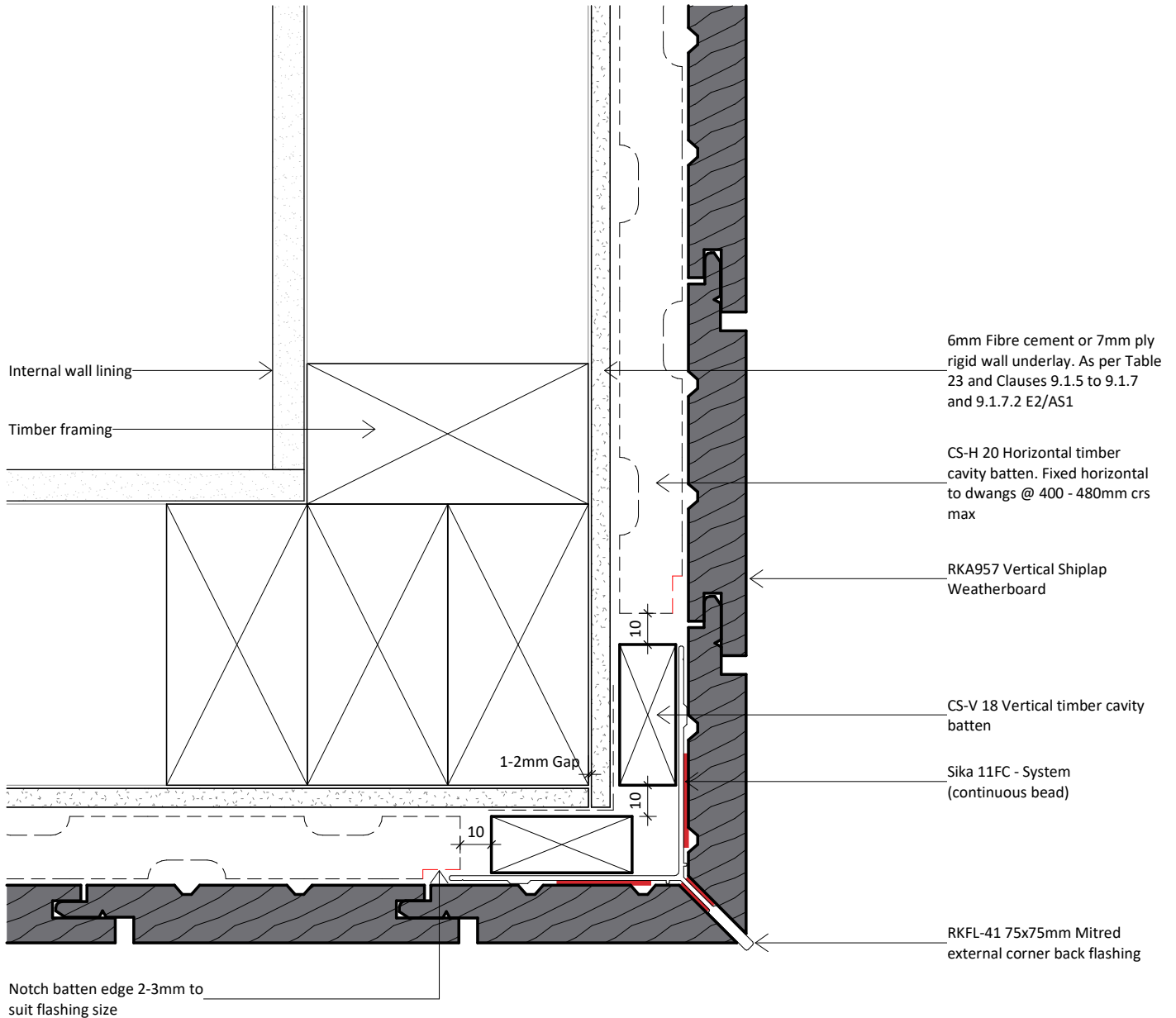
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Title
External Corner RKFL-31 Detail

Drawing
RKVC20-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 corners battens are 2-3mm thinner than the adjacent 20mm CS-H 20 Horizontal batten, this is to take up the flashing thickness.



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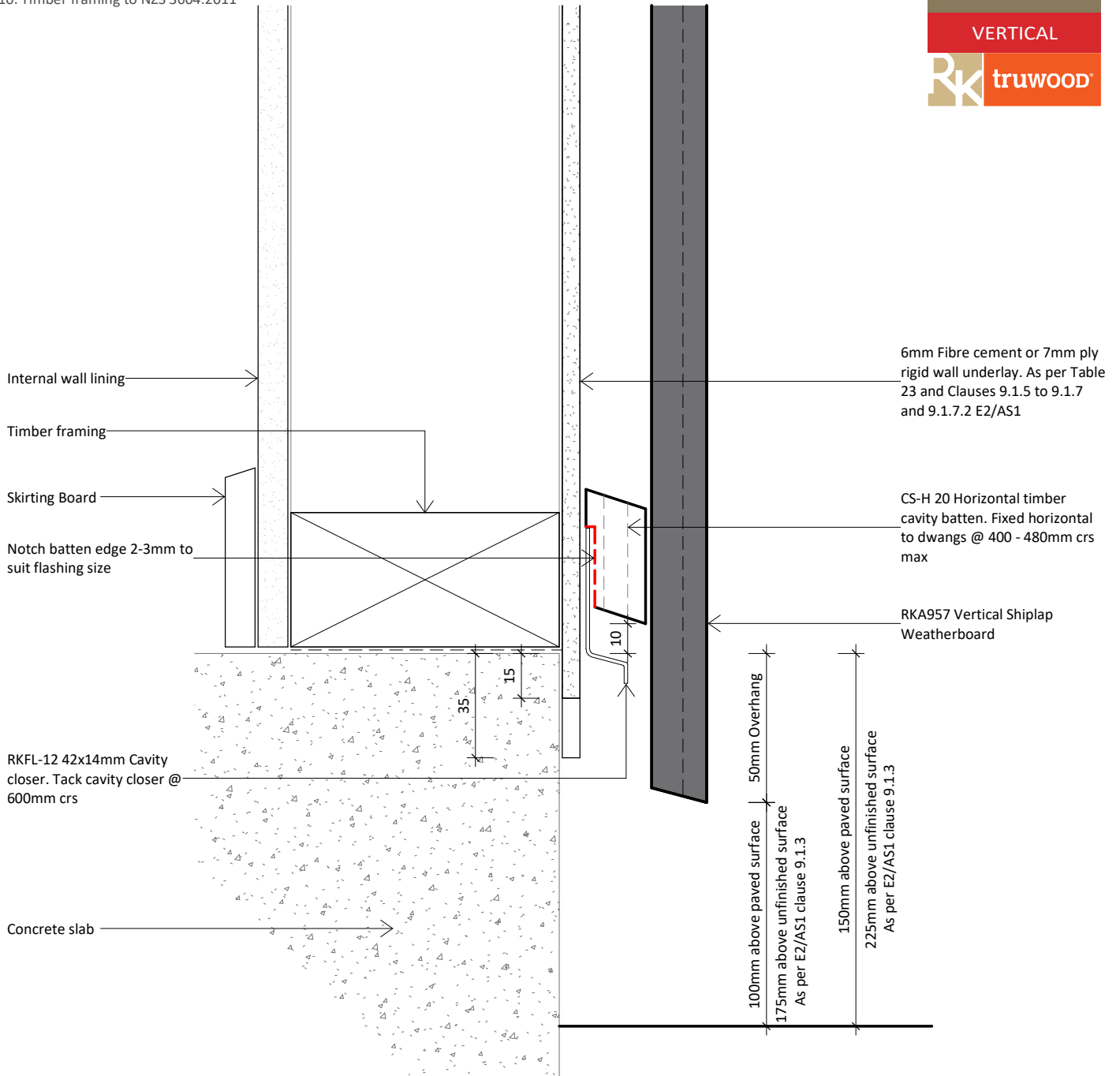
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Title
External Corner RKFL-41 Detail

Drawing
RKVC20-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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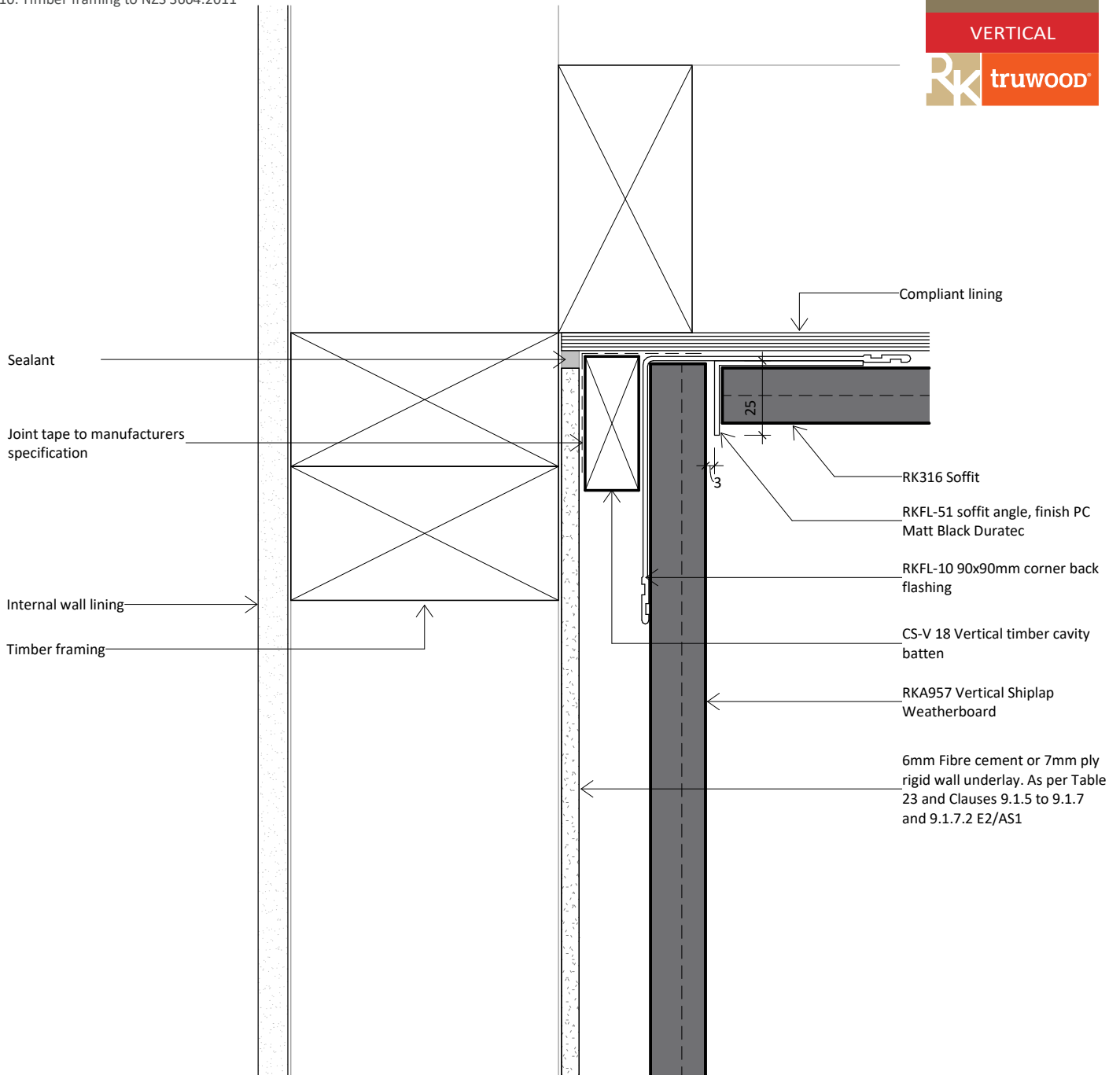
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Title
Bottom Plate Detail

Drawing
RKVC20-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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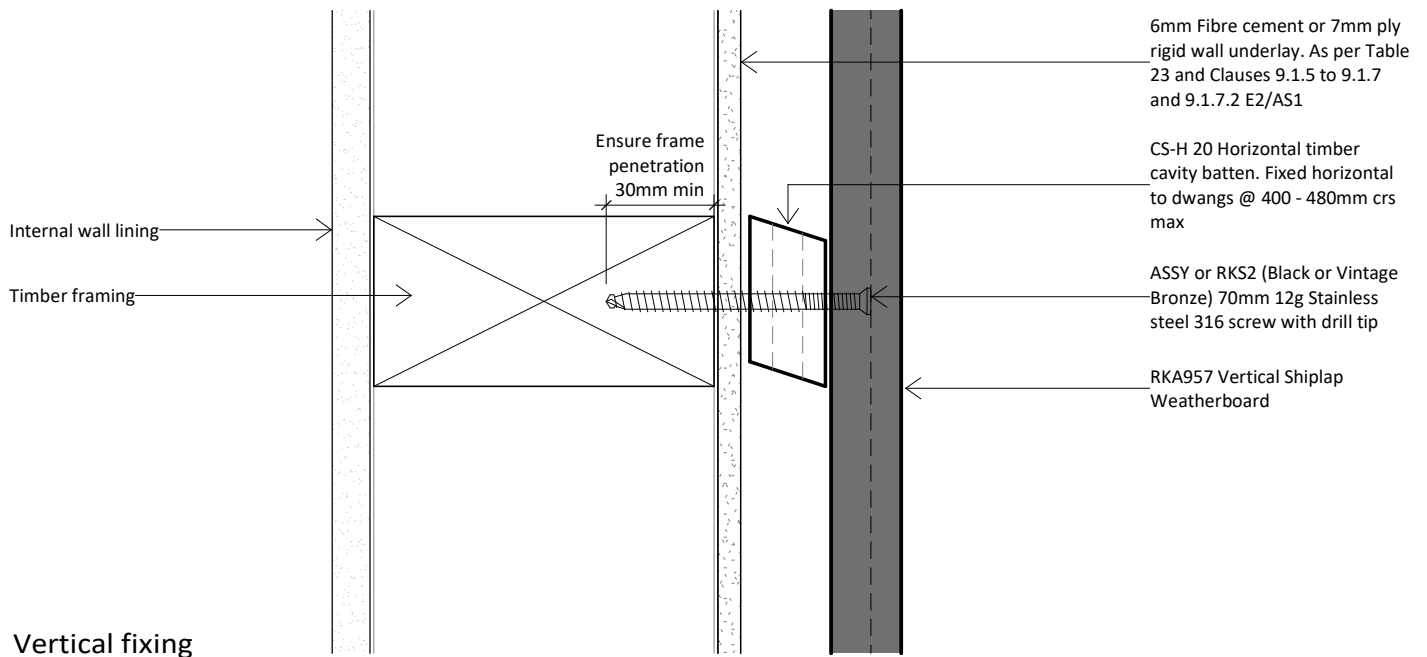
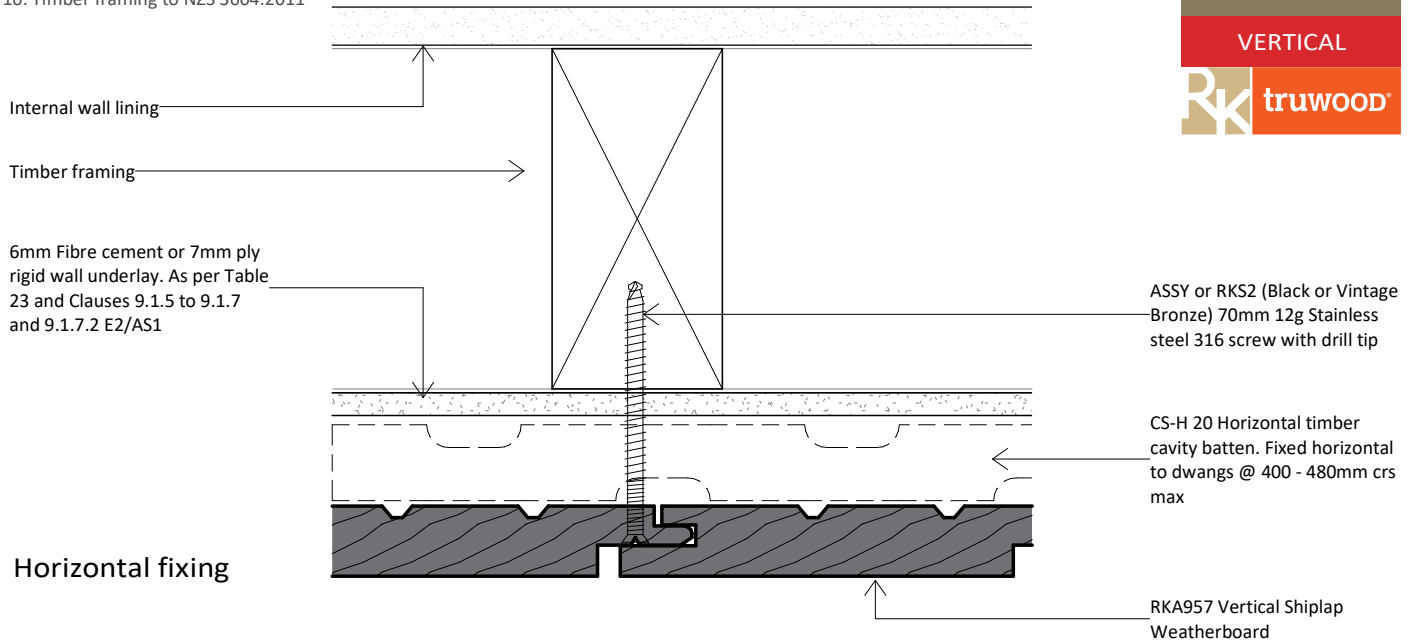
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Title
Top Plate to Soffit Detail

Drawing
RKVC20-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



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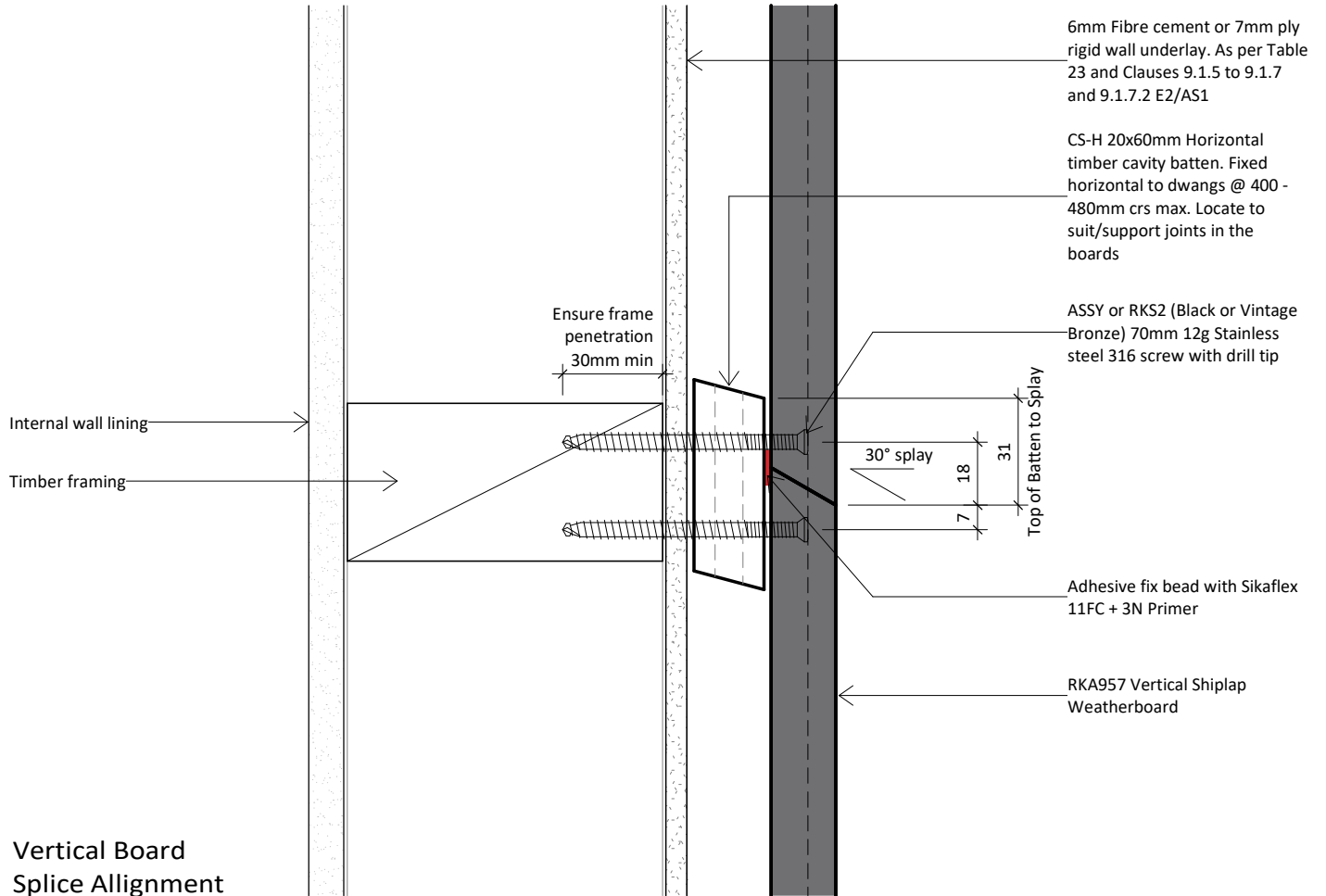
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Title
Screw Fixing Detail

Drawing
RKVC20-RU-47

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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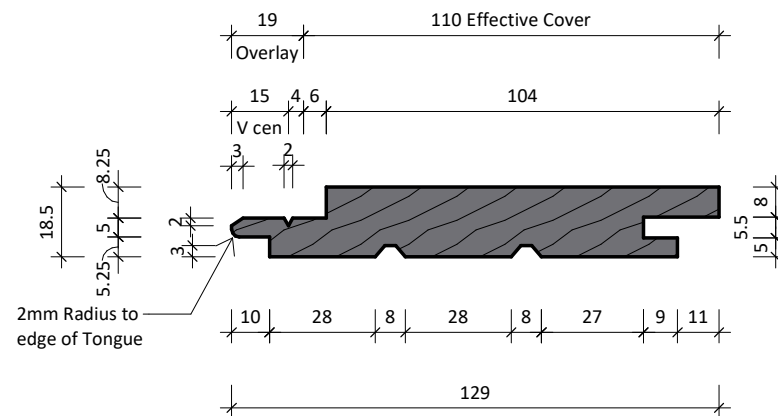
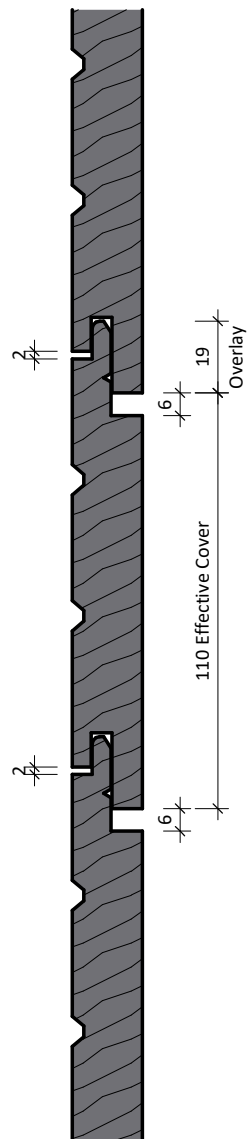
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Title
Vertical Board Splice Detail
60x20mm Batten
Drawing
RKVC20-RU-50

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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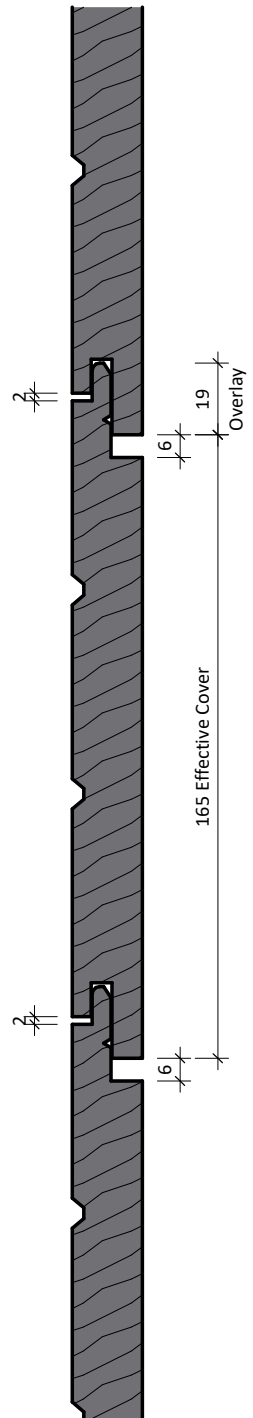
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Title
129x18.5mm (6mm neg) Profile

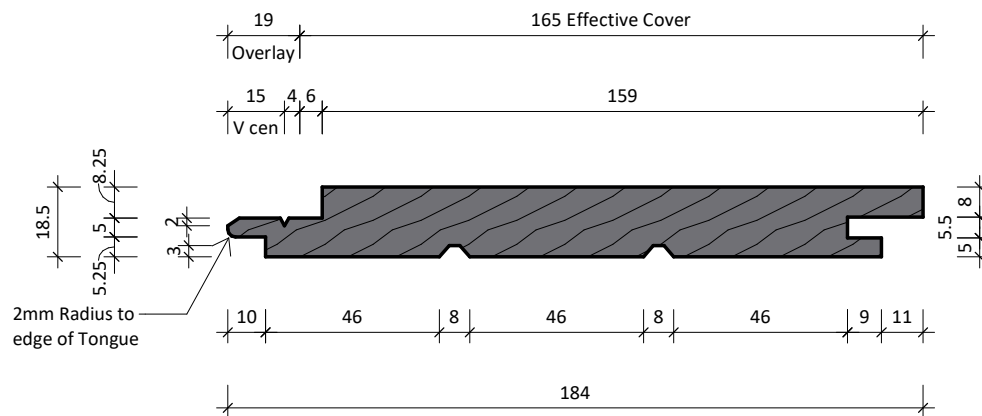
Drawing

RKA957

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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 15 Edmonton Road
 Hornby, Christchurch 8042

Title
184x18.5mm (6mm neg) Profile

Drawing

RKA961

Scale 1 : 2 @ A4 Date 26.05.2023